

A: SWPPP Template (Utah) – Instructions

To help you develop the narrative section of your construction site SWPPP, DWQ has provided this SWPPP template. The template is designed to give you a framework to ensure that your SWPPP addresses all the necessary elements stated in the construction general permit. It may be helpful to use this template with EPA’s guidance on *Developing Your Storm Water Pollution Prevention Plan*. Both are available on DWQ’s construction storm water website at <http://www.deq.utah.gov/Permits/water/updes/stormwatercon.htm>

This template covers most of the SWPPP elements that the Utah construction general permit requires, however, you are encouraged to customize this template. There are two major reasons to customize this template:

- **To better reflect the terms and conditions of the State construction general permit (CGP) in case we missed something; and**
- **To reflect the unique conditions at your site.**

Using the SWPPP Template

This template is ordered in reference to Section 7, Storm Water Pollution Prevention Plan (SWPPP). This template has been modified by placing the water quality section closer to the front in the outline and we removed the post construction section (MS4s direct that issue). We did this because we thought as you go through the water quality section, you may learn things that may prompt you to do things differently.

Each section of this template includes “instructions” and space for project information. You should read the instructions for each section before you complete that section. For a cleaner document you may want to delete instructions. This template was developed in Word so that you can easily add tables and additional text. Some sections may require only a brief description or not apply at all to your project, while others may require several pages of explanation.

Tips for completing the SWPPP template

- If there is more than one key player affecting storm water for your project, consider coordinating development of your SWPPP with the other key players.
- Make sure you inform subcontractors about limitations or special requirements if their work intersects with SWPPP requirements. You might write a section of your SWPPP specifically for a subcontractor and deliver that section to the sub-contractor before his work commences.
- Modify this SWPPP template so that it addresses the requirements in your construction general permit and meets the needs of your project. Be sure to include important aspects of the SWPPP that go beyond the boundaries of the project.
- Consider adding permit citations in the SWPPP when you address a specific permit requirement.

Storm Water Pollution Prevention Plan

for:

The Village at Wolf Creek
3550 Creekside Way
Eden, Utah 84310

Operator(s):

SELECTIVE CONSTRUCTION COMPANY
Cory Wadsworth
178 East Cottonwood Loop
Saratoga Springs, Utah 84045
801-301-2275

SWPPP Contact(s):

SELECTIVE CONSTRUCTION COMPANY
Cory Wadsworth
178 East Cottonwood Loop
Saratoga Springs, Utah 84045
801-301-2275

SWPPP Preparation Date:

1/20/2019

Estimated Project Dates:

Project Start Date: 01/20/2019
Project Completion Date: 08/30/2019

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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):

The Villages at Wolf Creek, LLC.
3140 De La Cruz Blvd STE 200
Santa Clara, CA 95054

Project Manager(s):

Kyle Ashworth
3509 Moosehollow Drive
Eden, Utah 84310
801-382-9340

Site Supervisor(s):

Kyle Ashworth
3509 Moosehollow Drive
Eden, Utah 84310
801-382-9340

SWPPP Contact(s):

REDCO
Kyle Ashworth
3509 Moosehollow Drive
Eden, Utah 84310
801-382-9340

This SWPPP was Prepared by:

Kyle Ashworth
3509 Moosehollow Drive
Eden, Utah 84310
801-382-9340

Subcontractor(s):

Selective Construction Company
Cory Wadsworth
178 East Cottonwood Loop
Saratoga Springs, Utah 84045
801-301-2275

Emergency 24-Hour Contact:

Selective Construction Company
Cory Wadsworth
178 East Cottonwood Loop
Saratoga Springs, Utah 84045
801-301-2275

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.

Excavation Contractor:
Summers & Summers Excavating, LLC
Excavation and Site Work Contractor
801-754-2309

Project Manager:
Kyle Ashworth
3509 Moosehollow Drive
Eden, Utah 84310
801-372-9340

Selective Construction Company
General Contractor
Cory Wadsworth
178 East Cottonwood Loop
Saratoga Springs, Utah 84045
801-301-2275

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

Project/Site Name: The Village at Wolf Creek PRUD

Project Street/Location: 3550 Creekside Way

City: Eden State: UT ZIP Code: 84310

County or Similar Subdivision: Weber County | Village at Wolf Creek PRUD

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

Latitude:

1. 41° 19' 22" N (degrees, minutes, seconds)

2. ___° ___' ___" N (degrees, minutes, decimal)

3. ___ . ___ ° N (decimal)

Longitude:

1. 111° 49' 50" W (degrees, minutes, seconds)

2. ___° ___' ___" W (degrees, minutes, decimal)

3. ___ . ___ ° W (decimal)

Method for determining latitude/longitude:

USGS topographic map (specify scale: _____) EPA Web site GPS

Other (please specify): _____

Is the project located in Indian country? Yes No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." _____

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:

Vertical construction for a 27 unit twin/townhome residential subdivision. Main line utilities are already installed, with service lateral utility installation necessary to each unit.

What is the function of the construction activity?

Residential Commercial Industrial Road Construction Linear Utility

Other (please specify):

Estimated Project Start Date: 01/20/2019

Estimated Project Completion Date: 08/30/2019

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:	1.91 acres
Construction site area to be disturbed:	1.06 acres
Percentage impervious area before construction:	18.9 %
Runoff coefficient before construction:	.29
Percentage impervious area after construction:	55.45 %
Runoff coefficient after construction	.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): Native soil types include topsoil, clayey fine to course sand, and fine gravel.

Slopes (describe current slopes and note any changes due to grading or fill activities): Existing site shows slight slopes and gradual grades of field grass/natural vegetation. Natural slope falls into a south west direction from site.

Drainage Patterns (describe current drainage patterns and note any changes dues to grading or fill activities): Current drainage patterns flow south west from site and collect in a previously designed storm water retention basin.

Vegetation: Natural vegetation including salt grasses and native plants. Some areas of landscaping include non-native tree plantings.

Other: Paved areas will be maintained intact where possible to prevent soils from being tracked onto streets. A gravel track off pad will be installed at the entrance gate to the project.

2.5 Emergency Related Projects

Instructions:

- See Part 1.2.1. 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

Response to a public emergency (see CGP Part 1.2.1); natural disaster, extreme flooding conditions, etc.
Project is not an ERP.

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

- Site grubbing, removal of vegetation from home sites
- December 2018-February 2019
- Silt fence in disturbed project areas
- Water will be applied to any area required for dust control. No special stabilization methods will be required.

Phase II

- Site Excavation and Utility Installation
- February 2019-March 2019
- Maintain all silt fencing and storm water diversion paths. Existing roads will be used as long as possible for ingress and egress.
- Water for dust control as needed.

Repeat as needed

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.

2.8 Maps

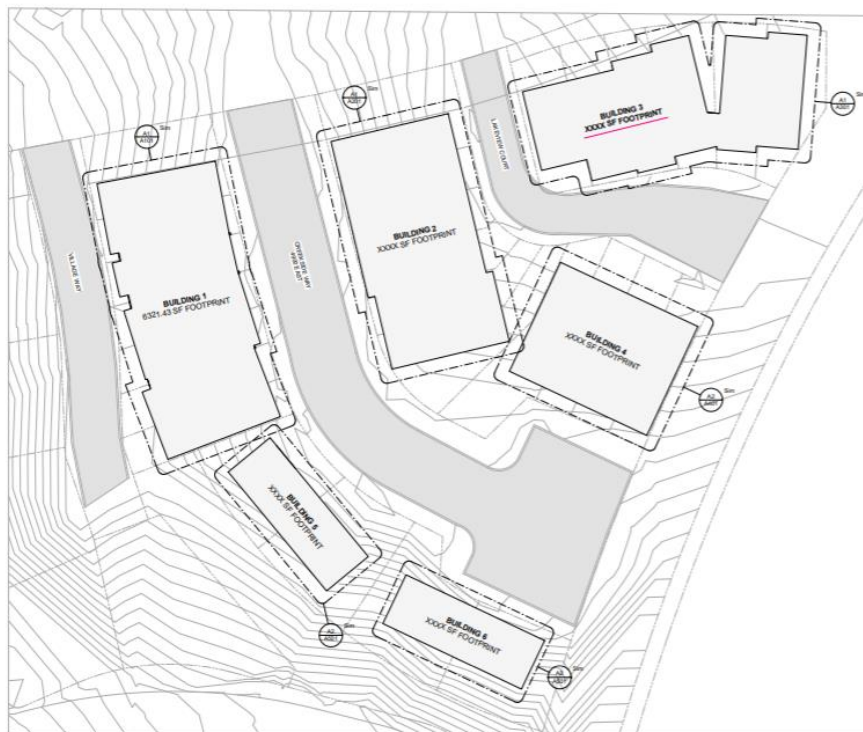
Instructions:

- 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.

The location map is filed in Appendix A



The SWPPP site map(s) are filed in Appendix B



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

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 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. 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: [INSERT TEXT HERE](#)

Are there any surface waters that are located within 50 feet of your construction disturbances?

Yes No

List the water body: [INSERT TEXT HERE](#)

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. Wolf Creek Irrigation
2.
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> 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.

3.6: Sediment/Desilting Basin

BMP Description: *A desilting basin is a temporary basin with a controlled release structure that is formed by excavation and/or construction of an embankment to detain sedimentladen runoff and allow sediment to settle out before discharging.*

Installation Schedule:	1/20/2019
Maintenance and Inspection:	Weekly inspection, repairs to be made as needed.
Responsible Staff:	Kyle Ashworth

3.6: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

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.)

3.7: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

3.7: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

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>

3.8: [Fabric/Barrier Inlet Protection](#)

BMP Description: *Inlet covers to be wrapped or protected from water intrusion into any storm water retention or delivery systems.*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed.
Responsible Staff:	Kyle Ashworth

3.8: [\(Place name of BMP here – reference to detailed instructions, Appendix M\)](#)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

[Repeat as needed](#)

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>

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.

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)
No known pollutants		

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)

Include additional rows as necessary.

4.2 Non-Storm Water Discharges

Instructions:

- Identify all allowable sources of non-storm water discharges that are not previously identified. CGP Part 7.2.7 (allowable non-storm water discharges are found in the CGP Part 1.3.4)
- 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.

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

Authorized Non-Storm Water Discharges	Comments
Dust mitigation via water trucks. Excess water discharge may result from hydrant or water source.	Minimize any excess water use.

Include additional rows as necessary.

4.2: **Water Mitigation**

BMP Description: *Control all not allowable water discharge at source.*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed
Responsible Staff:	Kyle Ashworth

4.2: (Place name of BMP here -- reference to detailed instructions in Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

4.3 Natural Buffers or Equivalent Sediment Controls

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

(Note: If “no”, no further documentation is required for the Section 4.3. Delete the rest of Section 4.3 below this point.)

Check the compliance alternative that you have chosen:

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

(Note (1): You must show the 50-foot boundary line of the natural buffer on your site map.)

(Note (2): You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)

- 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.

(Note (1): You must show the boundary line of the natural buffer on your site map.)

(Note (2): You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)

- INSERT WIDTH OF NATURAL BUFFER TO BE RETAINED
- INSERT EITHER ONE OF THE FOLLOWING:
 - (1) THE ESTIMATED SEDIMENT REMOVAL FROM A 50-FOOT BUFFER USING APPLICABLE INFORMATION IN APP. D, 2.2.2. INCLUDE INFORMATION ABOUT THE BUFFER VEGETATION AND SOIL TYPE THAT PREDOMINATE AT YOUR SITE
- OR
- (2) IF YOU CONDUCTED A SITE-SPECIFIC CALCULATION FOR THE ESTIMATED SEDIMENT REMOVAL OF A 50-FOOT BUFFER, PROVIDE THE SPECIFIC REMOVAL EFFICIENCY, AND INFORMATION YOU RELIED UPON TO MAKE YOUR SITE-SPECIFIC CALCULATION.
- INSERT DESCRIPTION OF ADDITIONAL EROSION AND SEDIMENT CONTROLS TO BE USED IN COMBINATION WITH NATURAL BUFFER AREA
- INSERT THE FOLLOWING INFORMATION:
 - (1) SPECIFY THE MODEL OR OTHER TOOL USED TO ESTIMATE SEDIMENT LOAD REDUCTIONS FROM THE COMBINATION OF THE BUFFER AREA AND ADDITIONAL EROSION AND SEDIMENT CONTROLS INSTALLED AT YOUR SITE, AND
 - (2) INCLUDE THE RESULTS OF CALCULATIONS SHOWING THAT THE COMBINATION OF YOUR BUFFER AREA AND THE ADDITIONAL EROSION AND SEDIMENT CONTROLS INSTALLED AT YOUR SITE WILL MEET OR EXCEED THE SEDIMENT REMOVAL EFFICIENCY OF A 50-FOOT BUFFER

- 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.

- INSERT RATIONALE FOR CONCLUDING THAT IT IS INFEASIBLE TO PROVIDE AND MAINTAIN A NATURAL BUFFER OF ANY SIZE
- INSERT EITHER ONE OF THE FOLLOWING:
 - OR
 - (2) IF YOU CONDUCTED A SITE-SPECIFIC CALCULATION FOR THE ESTIMATED SEDIMENT REMOVAL OF A 50-FOOT BUFFER, PROVIDE THE SPECIFIC REMOVAL

EFFICIENCY, AND INFORMATION YOU RELIED UPON TO MAKE YOUR SITE-SPECIFIC CALCULATION.

- INSERT DESCRIPTION OF ADDITIONAL EROSION AND SEDIMENT CONTROLS TO BE USED IN COMBINATION WITH NATURAL BUFFER AREA
- INSERT THE FOLLOWING INFORMATION:
 - (1) SPECIFY THE MODEL OR OTHER TOOL USED TO ESTIMATE SEDIMENT LOAD REDUCTIONS FROM THE EROSION AND SEDIMENT CONTROLS INSTALLED AT YOUR SITE, AND
 - (2) INCLUDE THE RESULTS OF CALCULATIONS SHOWING THAT THE ADDITIONAL EROSION AND SEDIMENT CONTROLS INSTALLED AT YOUR SITE WILL MEET OR EXCEED THE SEDIMENT REMOVAL EFFICIENCY OF A 50-FOOT BUFFER

- 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.

(Note: If this exception applies, no further documentation is required for Section 4.1 of the Template.)

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

(Note (1): If this exception applies, no further documentation is required for Section 2.2 of the Template.)

(Note (2): Where some natural buffer exists but portions of the area within 50 feet of the surface water are occupied by preexisting development disturbances, you must still comply with the one of the CGP Part 2.1.2.a compliance alternatives.)

- 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:

(1) Why it is infeasible for you to meet one of the buffer compliance alternative, and (2) Buffer width retained and/or supplemental erosion and sediment controls to treat discharges to the surface water.

- 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):

- INSERT WIDTH OF NATURAL BUFFER TO BE RETAINED
- INSERT APPLICABLE REQUIREMENTS BASED ON TABLE D-1
- INSERT DESCRIPTION OF HOW YOU WILL COMPLY WITH THESE REQUIREMENTS

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

- INSERT (1) THE ASSIGNED RISK LEVEL BASED ON APPLICABLE TABLE IN APP. D, PART 2.3.2.b, AND (2) THE PREDOMINANT SOIL TYPE AND AVERAGE SLOPE AT YOUR SITE
- INSERT APPLICABLE REQUIREMENTS BASED ON APP. D, TABLE D-2
- INSERT DESCRIPTION OF HOW YOU WILL COMPLY WITH THESE REQUIREMENTS

Buffer disturbances are authorized under a CWA Section 404 permit.
INSERT DESCRIPTION OF ANY EARTH DISTURBANCES THAT WILL OCCUR WITHIN THE BUFFER AREA

(Note (1): If this exception applies, no further documentation is required for Section 2.2 of the Template.)

(Note (2): This exception only applies to the limits of disturbance authorized under the Section 404 permit, and does not apply to any upland portion of the construction project.)

Buffer disturbances will occur for the construction of a water-dependent structure or water access area (e.g., pier, boat ramp, and trail). INSERT DESCRIPTION OF ANY EARTH DISTURBANCES THAT WILL OCCUR WITHIN THE BUFFER AREA

(Note (1): If this exception applies, no further documentation is required for Section 2.2 of the Template.)

4.3: (Place name of BMP here – reference to detailed instructions, Appendix M -- BMP equivalent to buffer)

BMP Description:

<i>Installation Schedule:</i>	
<i>Maintenance and Inspection:</i>	
<i>Responsible Staff:</i>	

4.3: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

<i>Installation Schedule:</i>	
<i>Maintenance and Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed

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>

5.1: [SILT FENCE](#)

BMP Description: *Fabric silt fence along project perimeters.*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed
Responsible Staff:	Kyle Ashworth

5.1: ([Place name of BMP here – reference to detailed instructions, Appendix M](#))

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

[Repeat as needed](#)

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>

5.2: [Silt Fence](#)

BMP Description: [Silt fencing is to prevent the flow of sediment from leaving the desired site and entering natural drainage ways or storm drainage systems by slowing storm water runoff and](#)

causing the deposition of sediment at the structure. Silt fencing encourages sheet flow and reduces the potential of developing ruts and gullies.

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed
Responsible Staff:	Kyle Ashworth

5.2: (Place name of BMP here – reference to detailed instruction, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

5.3 Retain Sediment On-Site

Instructions:	
<ul style="list-style-type: none"> – 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 <i>SWPPP Guide</i>, Chapter 4, ESC Principle 8.) – Also, see EPA's <i>Sediment Basin BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr 	

5.3: Silt Fence

BMP Description: Silt fencing is to prevent the flow of sediment from leaving the desired site and entering natural drainage ways or storm drainage systems by slowing storm water runoff and causing the deposition of sediment at the structure. Silt fencing encourages sheet flow and reduces the potential of developing ruts and gullies.

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed
Responsible Staff:	Kyle Ashworth

5.3: (Place name of BMP here – reference to detailed instruction, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	

Responsible Staff:	
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Repeat as needed

5.4 Establish Stabilized Construction Exits

<p>Instructions:</p> <ul style="list-style-type: none"> 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 <i>SWPPP Guide</i>, Chapter 4, ESC Principle 9.) Also, see EPA's <i>Construction Entrances BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

5.4: Track off pad

BMP Description: *Construction of Vehicle off track pad at all ingress and egress locations*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as necessary
Responsible Staff:	Kyle Ashworth

5.4: (Place name of BMP here – reference to detailed instructions, Appendix M -- Street clean up method)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

5.5 Protect Slopes

<p>Instructions:</p> <ul style="list-style-type: none"> 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 <i>SWPPP Guide</i>, Chapter 4, ESC Principle 5.) Also, see EPA's <i>Geotextiles BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr
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5.5: Erosion Control Blankets

BMP Description: *Installation of erosion control pads or blanket in areas of sloping terrain.*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed
Responsible Staff:	Kyle Ashworth

5.5: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

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.

5.6: [Dust and water control](#)

BMP Description: *Water control of accumulated or stockpiled soils*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly inspection and repair as needed
Responsible Staff:	Kyle Ashworth

5.6: (Place name of BMP here – reference to detailed instructions, Appendix M -- [Landscaping](#))

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

5.6: (Place name of BMP here – reference to detailed instructions, Appendix M – On site materials processing)

BMP Description: [Include rationale why this BMP will work best for this project]

Installation Schedule:	
Maintenance and Inspection:	
Responsible 0	

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.

5.7: Dust and particulate control

BMP Description: *Water truck*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Ensure adequate and available water truck application for all dust and particulate control
Responsible Staff:	Kyle Ashworth

5.7: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

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.

5.8: Soil storage, accumulation or in situ

BMP Description: *Avoid compaction and traverse*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Weekly monitoring of all existing topsoil disturbances and maintain that they be minimally impacted.
Responsible Staff:	Kyle Ashworth

5.8: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

5.9 Soil Compaction

Instructions:	
<ul style="list-style-type: none"> – 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. 	

5.9: Soil Care

BMP Description: *Minimize vehicular traffic and site access*

Installation Schedule:	Ongoing after project commencement
Maintenance and Inspection:	Staff will monitor all existing topsoil disturbances and maintain that they be minimally impacted.
Responsible Staff:	Kyle Ashworth

5.9: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

5.10 High Altitude/Heavy Snows

Instructions:

- See Part 2.1.2.i of the CGP. In high altitude areas you must attempt to prepare for heavy snows by deploying storm water controls prior to 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
12/01/2018	Scheduled:	
	Actual:	

5.10: [\(Place name of BMP here – reference to detailed instructions, Appendix M\)](#)

BMP Description: Snow removal

<i>Installation Schedule:</i>	As needed
<i>Maintenance and Inspection:</i>	Clear and remove snow in paved areas within 24 hours of snow event. Maintain clean laydown area.
<i>Responsible Staff:</i>	Kyle Ashworth

5.10: [\(Place name of BMP here – reference to detailed instructions, Appendix M\)](#)

BMP Description:

<i>Installation Schedule:</i>	
<i>Maintenance and Inspection:</i>	
<i>Responsible Staff:</i>	

[Repeat as needed](#)

5.11 Chemical Treatment

Instructions (see UCGP Parts 2.1.3.c and 7.2.9.b):

- If you are using treatment chemicals at your site, provide details for each of the items below. This information is required as part of the SWPPP requirements in CGP Part 7.2.9.b.

Soil Types

List all the soil types (including soil types expected to be found in fill material) that are expected to be exposed during construction and that will be discharged to locations where chemicals will be applied: [NA](#)

Treatment Chemicals

List all treatment chemicals that will be used at the site and explain why these chemicals are suited to the soil characteristics: [NA](#)

Describe the dosage of all treatment chemicals you will use at the site or the methodology you will use to determine dosage: [NA](#)

Provide information from any applicable Material Safety Data Sheets (MSDS): [NA](#)

Describe how each of the chemicals will stored: [NA](#)

Include references to applicable state or local requirements affecting the use of treatment chemicals, and copies of applicable manufacturer’s specifications regarding the use of your specific treatment chemicals and/or chemical treatment systems: [NA](#)

Special Controls for Cationic Treatment Chemicals (if applicable)

If you have been authorized by your applicable Regional Office to use cationic treatment chemicals, include the official EPA authorization letter or other communication, and identify the specific controls and implementation procedures you are required to implement to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards: [NA](#)

Schematic Drawings of Storm Water Controls/Chemical Treatment Systems

Provide schematic drawings of any chemically-enhanced storm water controls or chemical treatment systems to be used for application of treatment chemicals: [NA](#)

Training

Describe the training that personnel who handle and apply chemicals have received prior to permit coverage, or will receive prior to the use of treatment chemicals: [NA](#)

5.11: (Place name of BMP here – reference to detailed instructions, Appendix M)	
BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

5.11: (Place name of BMP here – reference to detailed instructions, Appendix M)	
BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

[Repeat as needed](#)

5.12 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>

5.12: Temporary Hydroseed

BMP Description: This is a single-application treatment. It consists of hydraulically applying the following mixture at a per acre rate: fiber (paper, wood, or both) at 1800 lbs, guar or equivalent tackifier at a rate of 150 lbs, and cereal grass seed at 50 lbs.

<input type="checkbox"/> <i>Permanent</i> <input checked="" type="checkbox"/> <i>Temporary</i>	
Installation Schedule:	As needed
Maintenance and Inspection:	Staff will inspect and maintain BMP as needed.
Responsible Staff:	Kyle Ashworth

5.12: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

<input type="checkbox"/> <i>Permanent</i> <input type="checkbox"/> <i>Temporary</i>	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

5.13 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.

5.13: [Landcaping/Native grass plantings](#)

BMP Description: *Planting of final lawns, grasses, trees, bushes and native binding species*

Installation Schedule:	08/30/2019
Maintenance and Inspection:	As needed
Responsible Staff:	Kyle Ashworth

5.13: [\(Place name of BMP here – reference to detailed instructions, Appendix M\)](#)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

[Repeat as needed](#)

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>
- Spill controls must contain spills, and be mobilized at the moment of need. The plan must include the materials and method of containment and for flowing liquid, cleanup, disposal and follow the minimum spill controls below.

Good Housekeeping practices will be observed on-site to limit any possible spills. If such a situation occurs, the spill will be promptly cleaned up using absorptive materials, if necessary, and deposited into appropriate waste containers. These housekeeping methods will be instructed to workers on-site through weekly meetings. Controls such as inlet protection filters, will be installed to prevent spills from entering the storm water system as noted above.

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 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)-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

<p>Instructions:</p> <ul style="list-style-type: none"> – 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 <i>SWPPP Guide</i>, Chapter 5, P2 Principle 1.) – Also, see EPA’s <i>General Construction Site Waste Management BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr
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6.2: Trash Control	
BMP Description: <i>Waste Management</i>	
Installation Schedule:	<i>01/20/2019</i>
Maintenance and Inspection:	<i>A 30 yard waste dumpster will be kept on-site and maintained by a local subcontractor. It will be located in the staging area on stabilized area. It will be serviced frequently to keep for overflowing</i>
Responsible Staff:	<i>Kyle Ashworth</i>

6.2: (Place name of BMP here – reference to detailed instructions, Appendix M)(Spoil Control)	
BMP Description: <i>Portable Toilets</i>	
Installation Schedule:	<i>01/20/2019</i>
Maintenance and Inspection:	Toilet(s) will be located in Staging area and maintained weekly by local subcontractor. Will be placed at a location where no runoff into stormwater system will occur.
Responsible Staff:	<i>Kyle Ashworth</i>

6.2: (Place name of BMP here – reference to detailed instructions, Appendix M)(Sanitary Waste Control)	
BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

6.2: (Place name of BMP here – reference to detailed instructions, Appendix M)(Concrete Cutting Control)	
BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

6.2: (Place name of BMP here – reference to detailed instructions, Appendix M)(Concrete Washout Control)	
BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

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

Instructions:	
<ul style="list-style-type: none"> 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 <i>SWPPP Guide</i>, Chapter 5, P2 Principle 3.) Also, see EPA's <i>Concrete Washout BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr 	

6.3: Concrete Washout Area

BMP Description: Contained wash-out area for excess wet concrete

Installation Schedule:	02/15/2019
Maintenance and Inspection:	Concrete Washout area will be provided during concrete activities. It will be sized appropriately, and waste will be removed on a frequent basis.
Responsible Staff:	Kyle Ashworth

6.3: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

6.4 Establish Proper Building Material Staging Areas

Instructions:	
<ul style="list-style-type: none"> 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 <i>SWPPP Guide</i>, Chapter 5, P2 Principle 2.) 	

6.4: Material Staging Area

BMP Description: Building materials will be staged in an accessible area of the site.

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Building materials will be stored in the Staging Area and will be maintained in an orderly state. Materials that are sensitive to weather will be scheduled to be just in time delivery and staged

	within the enclosed building. Hazardous or flammable materials will be stored in proper containers and be properly labeled. MSDS sheets will be provide and maintained on-site for all such materials. All storage of materials will be kept away from stormwater systems where at all possible.
Responsible Staff:	Kyle Ashworth

6.4: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

6.5 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

Instructions:	
<ul style="list-style-type: none"> – 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 <i>SWPPP Guide</i>, Chapter 5, P2 Principle 4. – Also, see EPA's <i>Vehicle Maintenance and Washing Areas BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr 	

6.5: Stationary Fueling Areas

BMP Description: All equipment and vehicles will be fueled and any maintenance work will occur at the noted staging area away from any possible storm water inlets or routes. Offsite fueling and maintenance at appropriate facilities will be encouraged.

Installation Schedule:	01/19/2019
Maintenance and Inspection:	Daily inspection and repairs as necessary
Responsible Staff:	Kyle Ashworth

6.5: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

6.6 Control Equipment/Vehicle Washing

<p>Instructions:</p> <ul style="list-style-type: none"> – 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 <i>SWPPP Guide</i>, Chapter 5, P2 Principle 5.) – Describe how you will prevent the discharge of soaps, detergents, or solvents by providing either (1) cover (examples: <i>plastic sheeting or temporary roofs</i>) 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 <i>Vehicle Maintenance and Washing Areas BMP Fact Sheet</i> at https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr

6.6: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description: Vehicle Washing

<i>Installation Schedule:</i>	01/19/2019
<i>Maintenance and Inspection:</i>	All equipment and vehicles will be washed and any maintenance work will occur at the noted staging area away from any possible storm water inlets or routes. Offsite washing and maintenance at appropriate facilities will be encouraged.
<i>Responsible Staff:</i>	Kyle Ashworth

6.6: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

<i>Installation Schedule:</i>	
<i>Maintenance and Inspection:</i>	
<i>Responsible Staff:</i>	

Repeat as needed

6.7 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials

<p>Instructions:</p> <ul style="list-style-type: none"> – Describe how you will comply with the CGP Part 2.3.5 requirement to “minimize discharges of fertilizers containing nitrogen or phosphorus”.

6.7: *Material Storage and Handling*

BMP Description: *Landscaping Material and storage including handling practices.*

Installation Schedule:	01/20/2019
Maintenance and Inspection:	Landscaping materials, including chemicals will be stored in staging area and will be maintained in an orderly state. Materials that are sensitive to weather will be scheduled to be just in time delivery and installed at time of delivery. Materials will be stored in proper containers and be properly labeled. MSDS sheets will be provide and maintained on-site for all such materials. All storage of materials will be kept away from stormwater systems where at all possible.
Responsible Staff:	Kyle Ashworth

6.7: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

Repeat as needed

6.8 Other Pollution Prevention Practices

Instructions:

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

6.8: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

6.8: (Place name of BMP here – reference to detailed instructions, Appendix M)

BMP Description:

Installation Schedule:	
Maintenance and Inspection:	

Responsible Staff:	
---------------------------	--

[Repeat as needed](#)

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: **Kyle Ashworth : Project Manager**
[File inspection certifications in Appendix J](#)

2. Inspection Schedule:

Minimum Inspection Requirements:

At least once every 7 calendar days; or

At least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

[Inspection Reports are filed in Appendix E](#)

Inspections will occur on a minimum of a weekly basis. Inspection methods are noted on the Inspection Report Form. Inspections will take place within 24 hrs of a storm event.

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.

Correction Action Log is filed in Appendix F

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.

See the signed delegation of authority forms in Appendix K.

SELECTIVE CONSTRUCTION COMPANY | Cory Wadsworth
178 East Cottonwood Loop, Saratoga Springs, Utah 84045
801-301-2275

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.

Training documentation and log are filed 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.

Maintain all records in Appendices A-M

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.

Amendments to the SWPPP are filed in Appendix G

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 (<https://deq.utah.gov/legacy/permits/water-quality/utah-pollutant-discharge-elimination-system/storm-water-general-construction.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 – General Location Map

Appendix B – Site Maps

Appendix C – Construction General Permit

Appendix D – NOI, Local, County and other State Permits. 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/Delegation of
Authority (see CGP Appendix G16.1.2)***

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

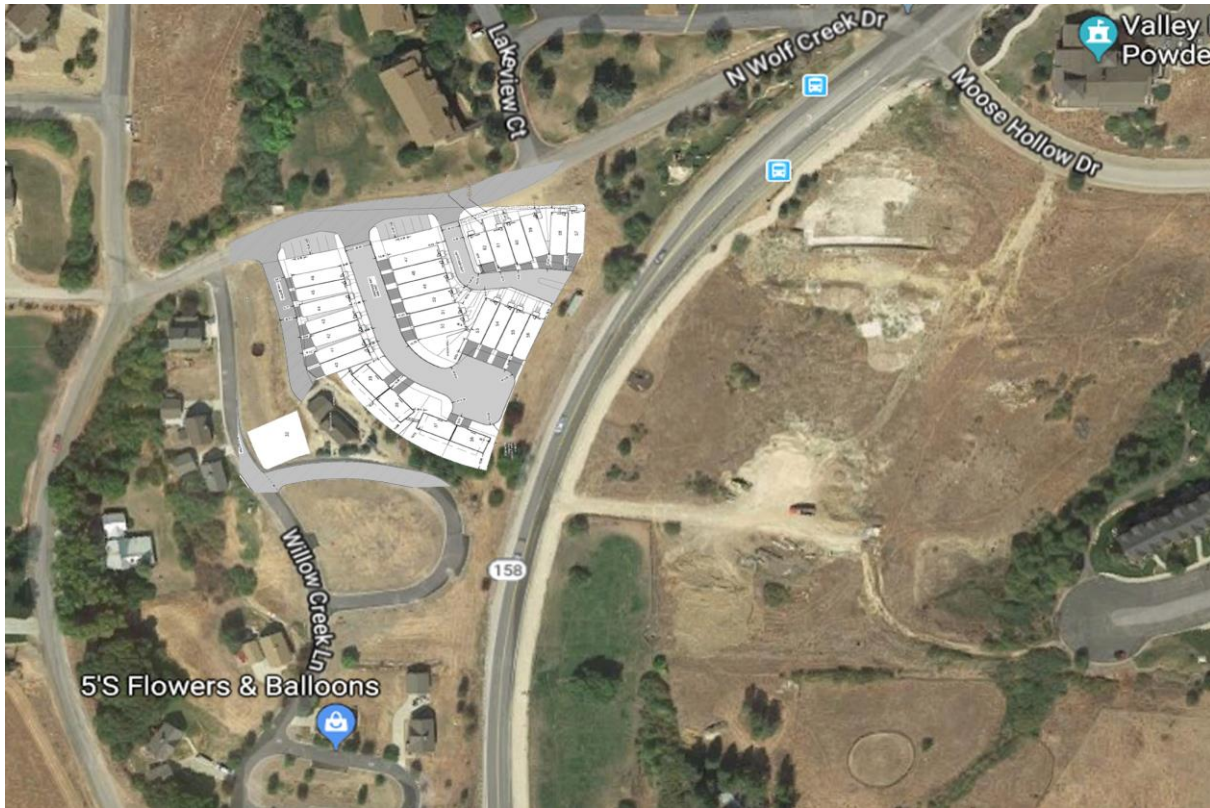
Appendix J – Training Log (see CGP 6)

Appendix K – Construction Plans (if desired – may be referenced)

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

Appendix M – BMP Instruction and Detail Specifications

Appendix A – GENERAL LOCATION MAP



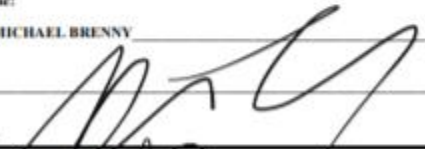

Appendix C – CONSTRUCTION PERMIT

Weber County Stormwater Construction Activity Permit				
Application submittals will be accepted by appointment only. (801) 399-8374. 2380 Washington Blvd. Suite 240, Ogden, UT 84401				
Date Submitted 12/27/2018	Fees (Office Use)	Receipt Number (Office Use)	Priority Site (Office Use) <input type="radio"/> Yes <input type="radio"/> No	Permit Number (Office Use)
Property Owner/Authorized Representative Contact Information		Project Information		
Name of Property Owner(s)/Authorized Representative(s) The Village at Wolf Creek Mike Blevins		Project Name The Village at Wolf Creek		
Phone 801-382-9340	Fax	Project Address 3555 North 4900 East Eden, Utah 84310		
Email Address kyle@redcountah.com				
Mailing Address of Property Owner(s)/Authorized Representative(s) PO Box 372 Eden, Utah 84310				
		Estimated Project Length (mo) 12	Previous Permit No. (if applicable)	
		Estimated Start Date 01/01/2019	Actual Start Date	
Submittal Checklist				
<input checked="" type="checkbox"/> The application shall include a Storm Water Pollution Prevention Plan which meets the criteria set forth in Section 40-3-4 of the county ordinances. The applicant shall file the application on or before the following dates: Subdivision: The date that the applicant submits the preliminary subdivision development plat application. Site Plan: The date that the applicant submits a site plan application or amended site plan. Building Permit: The date that the applicant submits a building permit application if the applicant proposes to construct a building on an existing lot or parcel. Land Use Permit: The date that the applicant submits a land use permit application. Other: At least two (2) weeks before the developer intends to perform any type of work not listed above that would require a Storm Water Construction Activity Permit pursuant to this Chapter. Failure to acquire a required Storm Water Construction Activity Permit is grounds for tabling a related subdivision application, site plan application, conditional use permit application, or building permit application. It is unlawful to commence work (move dirt) on a development site before obtaining a required Storm Water Construction Activity Permit. Note: A pre-construction meeting is required before performing any on-site earth work, unless waived by the county engineer.				
Applicant Narrative				
Please explain your request. Vertical construction of a previously developed and approved subdivision entitled within Weber County. This application is for the management of storm water and particulate control.				
Authorization				
By signing below the Owner/Representative authorizes the county to enter the property to perform inspections.				
Owner or Authorized Representative Signature				Date 12/27/2018
Signature of Approver				Date

Appendix D – *NOI, Local, County and other State Permits. and Acknowledgement Letter from EPA/State/MS4*

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 No. UTRC00000 or No. UTRH00000 SEE REVERSE FOR INSTRUCTIONS																																																								
Submission of this Notice of Intent constitutes notice that the party(s) identified in Section I of this form intends to be authorized by UPDES General Permit No. UTR000000 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: <u>01/20/2019</u> Permit Expiration Date: <u>07/30/2019</u>																																																								
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 type="checkbox"/>																																																								
Is this NOI seeking continuation for previously expired permit coverage at the same site? Y <input type="checkbox"/> N X	If yes, what is the number of the previous permit coverage? Permit No. UTR _____																																																								
I. OWNER INFORMATION																																																									
Owner Name: <u>Villages at Wolf Creek</u> Phone: <u>801-382-9340</u> Address: <u>3550 Creekside Way</u> Status of Owner: <u>P</u> (see instructions) City: <u>Eden</u> State: <u>UT</u> Zip: <u>84310</u> Contact Person: <u>Kyle Ashworth</u> Phone: <u>801-382-9340</u>																																																									
GENERAL CONTRACTOR: <u>Selective Construction Co.</u> Phone: <u>801-301-2275</u> Address: <u>178 East Cottonwood Loop</u> Status of General Contractor: <u>P</u> City: <u>Saratoga Springs</u> State: <u>UT</u> Zip: <u>84045</u> Contact Person: <u>Cory Wadsworth</u> Phone: <u>801-301-2275</u>																																																									
II. FACILITY SITE / LOCATION INFORMATION	Is the facility located in Indian Country? Y <input type="checkbox"/> N X																																																								
Name: <u>The Village at Wolf Creek</u> Project No. (if any): _____																																																									
Address: <u>3550 Creekside Way</u> County: <u>Weber</u> City: <u>Eden</u> State: <u>UT</u> Zip: <u>84310</u> Latitude: <u>41° 19' 22" N</u> Longitude: <u>111° 49' 50" W</u> Method (check one): <input type="checkbox"/> USGS Topo Map, Scale <input type="checkbox"/> EPA Web site <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Other																																																									
III. SITE INFORMATION																																																									
Municipal Separate Storm Sewer System (MS4) Operator Name: <u>None</u> Receiving Water Body: <u>None</u> 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? <u>1,116</u> ft. <input checked="" type="checkbox"/> miles. <input type="checkbox"/> Is the receiving water an impaired or high quality water body (see http://wq.deq.utah.gov/)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> List the Number of any other UPDES permits at the site: _____																																																									
IV. THIS SECTION IS ONLY FOR PROJECTS INVOLVED IN DEVELOPMENT OF A SUBDIVISION. List the lots proposed for the development (please add another sheet of paper if there is not enough room to list all lots).																																																									
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Appendix D – *NOI, Local, County and other State Permits. and Acknowledgement Letter from EPA/State/MS4 (CONTINUED)*

V. TYPE OF CONSTRUCTION (Check all that apply)
1. <input checked="" type="checkbox"/> Residential 2. <input type="checkbox"/> Commercial 3. <input type="checkbox"/> Industrial 4. <input type="checkbox"/> Road 5. <input type="checkbox"/> Bridge 6. <input checked="" type="checkbox"/> Utility 7. <input type="checkbox"/> Contouring, Landscaping 8. <input type="checkbox"/> Pipeline 9. <input type="checkbox"/> Other (Please list) _____
VI. BEST MANAGEMENT PRACTICES Identify proposed Best Management Practices (BMPs) to reduce pollutants in storm water discharges (Check all that apply):
1. <input checked="" type="checkbox"/> Silt Fence/Straw Wattle/Perimeter Controls 2. <input checked="" type="checkbox"/> Sediment Pond 3. <input checked="" type="checkbox"/> Seeding/Preservation of Vegetation 4. <input checked="" type="checkbox"/> Mulching/Geotextiles 5. <input checked="" type="checkbox"/> Check Dams 6. <input checked="" type="checkbox"/> Structural Controls (Berms, Ditches, etc.) 7. <input type="checkbox"/> Other (Please list) _____
VII. GOOD HOUSEKEEPING PRACTICES Identify proposed Good Housekeeping Practices to reduce pollutants in storm water discharges (Check all that apply even if they apply only during a part of the construction time):
1. <input checked="" type="checkbox"/> Sanitary/Portable Toilet 2. <input checked="" type="checkbox"/> Washout Areas 3. <input checked="" type="checkbox"/> Construction Chemicals/Building Supplies Storage Area 4. <input checked="" type="checkbox"/> Garbage/Waste Disposal 5. <input checked="" type="checkbox"/> Non-Storm Water 6. <input checked="" type="checkbox"/> Track Out Controls 7. <input checked="" type="checkbox"/> Spill Control Measures
VIII. ADDITIONAL. Estimated Area to be Disturbed (in Acres): <u>1.12</u> Total Area of Plot (in Acres): <u>1.40</u> A storm water pollution prevention plan has been prepared for this site and is to the best of my knowledge in Compliance with State and/or Local Sediment and Erosion Plans and Requirements. Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (A pollution prevention plan is required to be on hand before submittal of the NOL) Project Start Date: <u>01/20/2019</u> Project End Date: <u>07/30/2019</u> Enter the best e-mail address to contact the permittee: <u>kyle@redcroustah.com</u>
IX. CERTIFICATION: I certify under penalty of law that I have read and understand the Part I eligibility requirements for coverage under the general permit for storm water discharges from construction activities. I further certify that to the best of my knowledge, all discharges and BMPs that have been scheduled and detailed in a storm water pollution prevention plan will satisfy requirements of this permit. I understand that continued coverage under this storm water general permit is contingent upon maintaining eligibility as provided for in Part I. I also certify under penalty of law that this document and all attachments were prepared under the direction or supervision of those who have placed their signature(s) below, in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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.
Owner and Operator must sign below:
Print Name: <u>MICHAEL BRENNY</u> Date: <u>01/08/2019</u>
Title: _____
Signature: 
Print Name: <u>Angie Boyer</u> Date: <u>1/08/2019</u>
Title: <u>manager</u>
Signature: 
Amount of Permit Fee Enclosed: <u>5</u>

Appendix H – *Sample* Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION STORM WATER POLLUTION PREVENTION PLAN

Project Number: _____

Project Title: _____

Operator(s): _____

As a subcontractor, you are required to comply with the Storm water 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 storm water 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: _____

Delegation of Authority

I, _____, 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 UPDES “General Permit for Storm Water Discharges Associated with Construction Activity” (CGP), at the construction site:

_____, Permit No. UTR _____

The designee is authorized to sign all reports required by the Permit and other information requested by the Director of the Utah Division of Water Quality, or by an authorized representative of the Executive Secretary.

Name of Person or Position: _____

Owner/Operator: _____

Mailing Address: _____

City, State, Zip Code: _____

Phone Number: _____

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in Part G.16.1.2. of the CGP, and that the designee above meets the definition of a “duly authorized representative” as set forth in Part G.16.1.2 of the CGP.

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 gather and evaluate 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: _____

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

Appendix J – *Sample* SWPPP Training Log

Storm Water Pollution Prevention Training Log

Project Name:

Project Location:

Instructor's Name(s):

Instructor's Title(s):

Course Location: _____ Date: _____

Course Length (hours): _____

Storm Water Training Topic: *(check as appropriate)*

- Erosion Control BMPs Emergency Procedures
 Sediment Control BMPs Good Housekeeping BMPs
 Non-Storm Water BMPs

Specific Training Objective: _____

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

No.	Name of Attendee	Company
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Appendix K – Construction plans

The permittee may elect to use this section to place a small copy of construction plans as a reference for the convenience of those using the SWPPP. It is not a permit requirement to place a copy of the construction plans here in the SWPPP.

Appendix M – BMP Construction and Detail Specifications

• Mechanical Sweeping

Operation and Site Condition: The small amounts of mud trapped in the tread will spread dirt on the streets overtime and some dirt can migrate or be spread by various operations which is expected and will be managed by the project manager, however, any trade not following BMPs that result in dirt on the roadways will be held accountable for any damages.

Instruction: A certified/licensed sweeping company is on contract to sweep upon request

Installation Schedule: Schedule upon need

Maintenance Requirements: Dirt and mud of levels beyond manual sweeping capabilities.

Applicable Trades: Certified/Licensed “Provider”

Maintenance Personnel: Provider, as scheduled by Project manager. FYI any trade found to track mud or dirt unnecessarily will be billed for the cost.

• Manual Sweeping

Operation and Site Conditions: Some operations require driving off durable surfaces and the track out or boundary controls can fail which will necessitate cleaning of the streets and gutters.

Instruction: Square nose shovel and broom. All trades are expected to remove tracked out or mud and dirt that end up on street from regular operations. Repeat removal until no more mud can be picked up. Do not worry about the dirt stain and do not wash with water. The small amounts of mud trapped in the tread will also spread dirt on the streets overtime. In this case the mud will be removed by BMP 2.3.3.

Schedule: NA.

Maintenance: Immediately following the incident. Minor track out not causing a public nuisance and no risk of being washed to stormwater systems may be removed at end of day or before forecast storm event whichever comes first.

Maintenance Personnel: Any trade tracking the mud

Applicable Trades: All

• LOT Cut Down

Operation or Site Conditions: Most of the existing vegetation will either trampled or cleared by the building operations. Storm events can occur at any time necessitating the need for maintained sediment control at the boundary. The current site is plenty adequate to retain any runoff during the expected summer cloud burst. The necessary cut down will still provide plenty of volume even with some spoil is placed in the cut down area, however most of the excavation spoil will be placed behind the foundation or hauled off as the foot is excavated.

Instruction: Excavate and maintain the minimum dimensions as per detail and site plan.

Installation Schedule: Install the LOT Cut Down just prior to footing excavation.

Maintenance Requirements: Restore when more than 50% of the Cut Down is filled with sediment from erosion deposition or construction activities fill beyond the minimum dimensions.

Applicable Trades: Primarily the excavator and grading subs but any trades whose activity damages this BMP

Maintenance Personnel: Excavator, Grading Subs or trades who damage this BMP.

• Topsoil Preservation Policy

Operation or Site Condition: Topsoil will be removed by the excavation and general grading operations also most of the sites surface will be disturbed by all trades involved in this home. It is necessary to remove and stockpile the topsoil in the footing and general home grading envelope so is can be preserved and reused.

Instruction:

1. Excavation company, remove topsoil under the footing, spoil zone and general home grading envelope. Stockpile in the back of and middle of LOT 2 for the final grading construction phase. Note, this is not intended for the foundation backfill or the non topsoil spoil that must be hauled off.
2. Grading: spread topsoil during last phase.
3. Apply BMP 2.3.1 water erosion control and apply BMP 2.4 dust control.

Installation Schedule: NA

Maintenance Requirements: NA

Applicable Trades: Summers and Summers Excavation

Maintenance Personnel: NA

• Hose

Operation or Site Condition: Excavation, grading and even other normal construction activity will kick up dust on hot windy days.

Instruction: Hose provided for construction operations kicking up dust or other activities involving light weight powdery materials.

Installation Schedule: Provide hose connected to a culinary water jumper from Wolf Creek Water and Sewer Special Improvement District prior to land disturbance.

Maintenance: Generally, apply during excavation, grading and mortar mixing operations. Also prior to end of work day ground is powdery.

Maintenance Personnel: Project Manager will watch for general dry dusty conditions. However, each trade will be expected to use this BMP for operations they are responsible for. Primarily for excavation, grading and Stone Mason operations however any trade kicking up dust is expected to implement this BMP.

Applicable Trades: Primarily Excavator, Grader and Brick Masons but also any trade whose operation is creating or kicking up dust.

• Trash Receptacle

Operation or Site Conditions: All trades can generate light weight trash from the lunch box alone however, most will generate light weight trash as part of their operation. Light weight trash is the primary concern because it can blow off the site.

Instruction: Project Manager will provide (2) 60 gal trash receptacles with lids chained to post. All trades are required to use these or put your trash in your own vehicle. Do not fill receptacles with heavy weight trash see BMP 2.6.2 for heavy weight trash.

Schedule: Prior to land disturbance

Maintenance: Ensure lids are always closed. Dump when trash is spilling over.

Maintenance Personnel: Project Manager. All trades are expected to close lids.

Applicable Trades: All trades generating light weight trash of any kind

• Heavy Trash Policy

Operation or Site Condition: This site will generate multiple collections of 30 yards of heavy trash

Instruction: To maintain room or all tradesmen pile all heavy trash in designated. Do not place light weight trash with the heavy weight trash. See BMP 2.6.1 for light weight trash control

Schedule: NA

Maintenance: Remove when spilling beyond trash envelop.

Maintenance Personnel: Project Manager. All trades generating heavy trash.

Applicable Trades: All trades generating heavy trash or waste.

• Portable Toilet

Operation or Site Condition: A portable toilet is necessary for the duration of this project

Instruction: Portable toilet is provided by A-1 Portable Toilets. The Portable toilet is located on the parking pad 10' away from street/sidewalk.

Schedule: Prior to land disturbance

Maintenance: NA other than keeping it on the parking surface for pick up and drop off.

Maintenance Personnel: Project Manager, A-1 Portable Toilets

Applicable Trades: Project Manager, A-1 Portable Toilets

• Concrete Washout

Operation or Site Condition: Concrete supplier and concrete materials workers will need a place to wash equipment and dispose of excess material.

Instruction: Concrete Suppliers and Brick Masons are required to wash their equipment and excess material in this BMP. Do not wash your chassis on the street. Practice **BMP Scrape Tires** if mud sticks to your tires. This BMP provides an adequate location to clean equipment including washing your chassis and will prevent mud from sticking to your tires.

Schedule: Prior to concrete pours

Maintenance: Replace when 50% full

Maintenance Personnel: Project Manager

Applicable Trades: Footing/Foundation, Flat Workers, Brick Masons, Painters and Interior Finishers

• Scrape Tires

Operation or Site Condition: It is not practical to provide a parking pad for the excavation, forklift and final grade operations, therefore it is necessary to scrape tires or tracks.

Instruction: Remove mud from tires and tracks by scraping. Any tool effective at removing mud is fine.

Schedule: NA

Maintenance: Upon incident. Apply roadway clean up per BMPs Mechanical and Manual Sweeping.

Maintenance Personnel: Perpetrating tradesmen

Applicable Trades: All tradesmen whose activity causes mud to stick to tires or tracks.

• Storage Policy

Operation or Site Condition: Various liquids, dry goods and construction materials will be used for this project but will not be necessary until the foundation is complete. .

Instruction: Store any liquids or powder supplies in the foundation for inside the building at all times. Store all dry goods and construction materials in the Storage Location designated on site.

Schedule: NA

Maintenance: NA

Maintenance Personnel: NA

Applicable Trades: Primarily, carpentry finishers, painters, brick masons or any tradesmen needing to store liquid or erodible construction materials not covered specific BMPs.

• Spill Control Plan

Operations or Site Condition: Spills can happen at any time. The project will extend into winter necessitating a plan that will work in freezing temperatures and snowy conditions.

Instruction:

1. Containment: Two 5 gal buckets with lids filled with sand are located at the low side of the project in the park strip, near building 5 (see site plan). Keep lid closed so the sand will stay dry. Wet sand will likely freeze solid. These are intended for containing flowing spills and absorbing spilled liquids, however, when site conditions allow dirt may also be used. You will need your own shovel.

2. Cleanup and Disposal: It will only take minutes to dam then absorb any liquid. Clean up immediately following the spill event. Dispose waste in BMP Concrete Wash Out unless the SDS directs otherwise.

Installation Schedule: Prior to any land disturbance

Maintenance Requirements: Replace as used

Maintenance Personnel: Project Manager

Applicable Trades: All