

SOP: DEVELOPING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

PURPOSE: A Storm Water Pollution Prevention Plan (SWPPP) is necessary to enforce sedimentation containment and prevent construction site storm water runoff from entering storm drains and eventually reaching sensitive water bodies. This SOP will help to provide guidance on the development of a SWPPP, the codes and laws associated with storm water pollution prevention, and what to expect once you have a fully completed SWPPP.

PRIORITY: Construction sites greater than or equal to one (1) are required to obtain a Storm Water Permit from the Division of Water Quality. In addition, construction sites that disturb less than one (1) acre are required to obtain a permit if the site is part of a "common plan of development or sale" that is over one acre. A Common Plan of Development or Sale is a plan to subdivide a parcel of land into separate parts for separate sale. If a project is less than five (5) acres, it may also qualify for an erosivity waiver, which is based on low rainfall. This SOP will address this criteria and walk through the items needed, inspection procedures, and the enforcement of a SWPPP to help contractors understand the importance of a SWPPP.

PLAN: Contractors are required to provide their own SWPPP, however, this SOP will present the items required in a SWPPP, and the procedures the City of Saratoga Springs takes to approve, and enforce a SWPPP.

ACTION:

A SWPPP Construction General Permit (CGP) template can be found at the following link: <https://documents.deq.utah.gov/water-quality/permits/updes/DWQ-2017-001761.docx>. Before applying for a permit, you must have a SWPPP already prepared for the project for which you are applying. The permit usually lasts for a year. Within the City of Saratoga Springs SWPPPs must be drafted in compliance with the Utah General Construction Permit, as found at the previous link.

ITEMS REQUIRED IN A SWPPP (BASED ON UTAH DEQ STANDARDS)

1. Identify people responsible for the SWPPP
2. Describe the nature of the construction activity
3. Provide a sequence of construction activities
4. Provide a site map that shows features of the site relevant to storm water management, the placement of storm water control measures deployed

for the protect storm water, and areas of the site used for storage or support of construction activity that may affect storm water in a negative way.

5. Provide a list and description of pollutants
6. Identify and address non-storm water discharges
7. Describe how you are dealing with buffer zone requirements (if required)
8. Provide a description of control measures & pollution prevention procedures (this involves details showing how they will be installed properly)
9. Provide procedures for inspections, maintenance, and corrective action
10. Other items.

SWPPP APPROVAL PROCEDURE FOR THE CITY OF SARATOGA SPRINGS

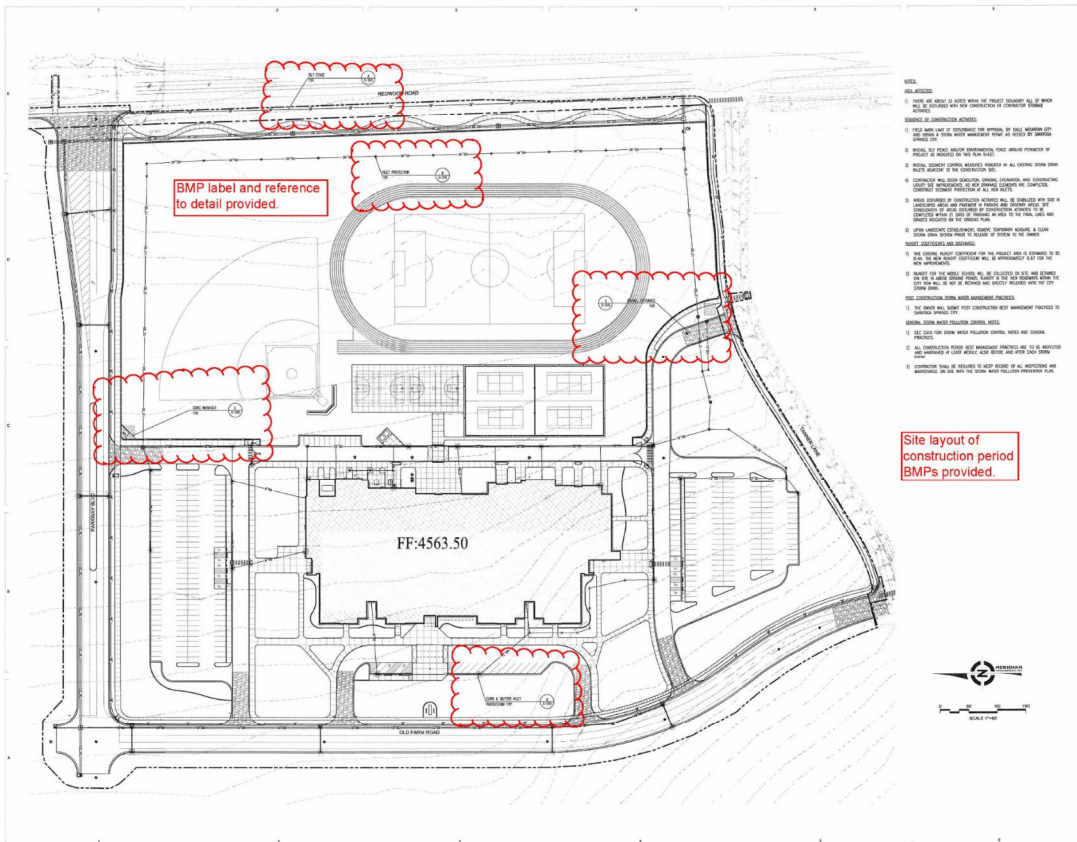
1. **PRE-DESIGN MEETING**—during a pre-design meeting, a development proposal can be assessed with compliance to International Building Code, Land Development Code, City Ordinances, Development Requirements and Standards, and State and Federal requirements. City Ordinance 18.06.03 outlines the necessity for Storm Water Permits and a SWPPP Manager on a construction site. Inspectors and Capital Improvement Projects committee members can provide information regarding City requirements and standard and review procedures.
2. **APPLICATION SUBMITTAL**—an application is to be submitted to the Planning Department within the City, along with all the supporting documents, including plans, a SWPPP, Notice of Intent (NOI), a post construction storm water inventory and maintenance plan with maintenance agreement, and any supporting calculations.
3. **PRELIMINARY REVIEW**—a preliminary review of the plans and all supporting documents (including an eventual Notice of Termination, NOT form) is completed including:
 - Plans, calculations, and other information associated with Development Standards and Requirements for Water, Sewer, Storm Water, Street Lights, etc.
 - Confirmation that the SWPPP has been prepared using the State template for projects that warrant compliance with the Utah General Construction Permit (UGCP) regulation.
 - Review the SWPPP using Page 1 of the State UPDES Storm Water Inspection Evaluation Form for SWPPP Compliance.
 - Review the Post-Construction storm Water Maintenance Plan.
4. **FOLLOW UP**—review comments should be returned to the Planning Department, and a development meeting with the developer should be set-up to discuss any further questions the developer may have.

5. **FINALIZATION**—any further review procedures should be conducted, final plans should be submitted to the Planning Department and the Developer, and final approval should be conducted. Records of the SWPPP will be kept on file for five (5) years.

POST CONSTRUCTION BMP MAINTENANCE AGREEMENT

A post construction BMP Maintenance Agreement will be reviewed and signed to ensure future maintenance of long-term BMPs and any inspections that will take place. A record of the agreement will be kept on file.

SWPPP EXAMPLE



INSTRUCTIONS FOR SILT FENCE BMP ARE PROPERLY LABELED.

TECHNICAL DETAIL OF CONSTRUCTION PERIOD BMPs.

CONTINGENCY ON LIMITS OF DISTURBANCE PROVIDED.

EROSION CONTROL NOTES ARE PROVIDED.

NOTES ON CONSTRUCTION PERIOD BMPs PROVIDED.

CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES

STORM WATER SYSTEM COVENANT FOR POST CONSTRUCTION LONG-TERM BMP'S

WHEN RECORDED RETURN TO
CITY OF SARATOGA SPRINGS CITY RECORDER
1307 N COMMERCE DR, SUITE 200
SARATOGA SPRINGS, UTAH 84045

Tax Id. No. _____

STORM WATER SYSTEM COVENANT

The undersigned _____ herein after referred to as Owner(s) of Lot ___ of _____ Subdivision, and the storm water system within said subdivision (the "Subject Property") located in Saratoga Springs, State of Utah.

In consideration for approval by the City of Saratoga Springs (the City) of a land development project on the Subject Property, the Owner(s), do hereby agree to be responsible for the storm water system on said Subject Property, described herein.

This storm water system location situated in the County of Utah, State of Utah, and more particularly described as follows:

As Described by Exhibit A

Furthermore, and in consideration for approval by the City, Owner(s), hereby agree(s) to construct the storm water system attached hereto as Exhibit "B"

Furthermore, the undersigned Owner(s) of the Subject Property, covenant and agree to the following:

1. To maintain, preserve and protect said storm water system, particularly storm water conveyance and detention areas, as it was intended for the purpose of flood control.
2. To ensure that said system shall not be modified from the design originally approved by the City without the City's approval.
3. That the City may enforce the terms of this covenant by requiring any Owner(s) of said Lot ___ of Subject Property to specifically perform the conditions of this covenant.
4. To reimburse all legal and attorney costs the City incurs in the event that the City pursues legal action to enforce this covenant.

5. To indemnify, defend, and hold the City harmless from any liability associated with said system.

Finally, the undersigned Owner(s), of the Subject Property, hereby agree that the City, its officers, employees, agents, representatives, contractors and assigns shall have the right of ingress to and egress on the above described property to inspect, measure, and sample said storm water system for such purpose to verify maintenance, preservation and the protection of said storm water system.

This covenant and agreement shall run with the land and shall be binding upon ourselves, any future owners, encumbrancers, their successors, heirs, or assignees, and shall continue in effect so long as the Subject Property is found to contain buildings and roads in support of the intended use, regardless of whether the property is occupied.

SO AGREED this _____ day of _____ 20_____.

PROPERTY OWNER(S)

By: _____ Title: _____

By: _____ Title: _____

STATE OF)
) ss.
COUNTY OF UTAH)

The above instrument was acknowledged before me by _____, this _____ day of _____, 20_____.

Notary Public

Residing in: _____

My commission expires: _____