

Storm Water Pollution Prevention Plan

For:

Project Name
Project Site Location/Address
City, State, Zip Code

Owner(s):

Company Name
Owner Name
Address
City, State, Zip Code
Telephone Number
Email

SWPPP Contact(s):

Company Name
Preparer's Name
Address
City, State, Zip Code
Telephone Number
Email

SWPPP Preparation Date:

___/___/_____

Estimated Project Dates:

Project Start Date: ___/___/_____

Project Completion Date: ___/___/_____

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SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 Project/Site Information

Project/Site Name: _____

Project Street/Location: _____

City: _____ State: _____ ZIP Code: _____

County or Similar Subdivision: _____

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 Utah Pollutant Discharge Elimination System (UPDES) construction general permit.)*

1.2 Contact Information/Responsible Parties

Owner:

Company Name:

Owner Name:

Address:

City, State, Zip Code:

Telephone Number:

Email:

Project Manager(s) or Site Supervisor(s):

Company Name:

Site Supervisor Name:

Address:

City, State, Zip Code:

Telephone Number:

Email:

SWPPP Inspector/Manager Contact(s):

Company Name:

SWPPP Inspector/Manager Name :

Address:

City, State, Zip Code:

Telephone Number:

Email:

This SWPPP was Prepared by:

Company Name:
Name:
Address:
City, State, Zip Code:
Telephone Number:
Email:

Emergency 24-Hour Contact:

Company Name:
Name:
Telephone Number:

1.3 Nature and Sequence of Construction Activity

Scope of the work for the project, major phases of construction, etc:

What is the function of the construction activity?

- Residential Commercial Industrial Road Construction Linear Utility
- Other (please specify):

Estimated Project Start Date: ___ / ___ / _____

Estimated Project Completion Date: ___ / ___ / _____

1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

These items may be shown on the submitted site plans instead of a description:

Soil type(s):

Slopes (describe current slopes and note any changes due to grading or fill activities):

Drainage Patterns (describe current drainage patterns and note any changes dues to grading or fill activities):

Vegetation:

Other:

1.5 Construction Site Estimates

Total project area:	acres
Construction site area to be disturbed:	acres
Percentage impervious area before construction:	%
Runoff coefficient before construction:	
Percentage impervious area after construction:	%
Runoff coefficient after construction	

Describe any unique features that are to be protected viz.: wetlands, vegetation, steep slopes, etc.:

In Section 2 list BMP's used to protect these features:

1.6 Receiving Waters

Circle nearest receiving waters: Big Cottonwood Creek, Little Cottonwood Creek, Jordan River,
None - complete site retention

Distance to closest catch basin, storm water inlet, canal:

Jordan River is currently (2015) considered impaired for temperature and TSS and is being studied for TMDLs:

1.7 Site Features and Sensitive Areas to be Protected

1.8 Potential Sources of Pollution

List potential sources of sediment to storm water runoff, viz.; tracking, unprotected slopes, stockpiles, etc.:

Potential pollutants and sources, other than sediment to storm water runoff, viz.; concrete washout, construction debris, toilets, chemicals, salt piles, oils, etc.:

Trade Name Material	Storm Water Pollutants	Location

Indicate on the site plan sources of potential pollution and BMP's used to protect storm water from contamination.

1.9 Endangered Species Certification

The attached are web addresses, listing Endangered Species, from the Utah Division of Wildlife Resources and U.S. Fish and Wildlife, respectively. Below are photos of Threatened Species located in Salt Lake County. It is the responsibility of the owner to ensure that construction on the site is not impacting listed species and to contact the appropriate agency if any species are affected on the site. http://dwrcdc.nr.utah.gov/ucdc/ViewReports/te_cnty.pdf, http://ecos.fws.gov/tess_public/reports/species-listed-by-state-report?state=UT&status=listed



Ute Lady Tresses



Yellow billed Cuckoo



June sucker. Photo by K. Wilson, Utah Division of Wildlife Resources

June Sucker



Canadian Lynx

Are endangered or threatened species and critical habitats on or near the project area?

Yes No

If yes, describe the species and/or critical habitat:

If yes, describe or refer to documentation that determines the likelihood of an impact on identified species and/or habitat and the steps taken to address that impact

1.10 Historic Preservation

The attached is a web address, listing Murray City historic sites, from the Murray City website. It is the responsibility of the owner to ensure that construction on the site will not impact historic buildings.

<http://murray.utah.gov/DocumentCenter/View/4634>

Are there any historic sites within 100 yards of the site?

Yes No

If yes, describe or refer to documentation that determines the likelihood of an impact on this historic site and the steps taken to address that impact.

1.11 State, County, School Programs

List applicable state, county, school soil and erosion control and storm water management requirements that apply to your construction site.

1.12 Plan Sheet Requirements

The SWPPP plan set (half sized 11X17) must include the following sheets:

1. A vicinity map with the site location
2. The undeveloped site and its current features with an aerial overlay:
 - property lines
 - dimensions and bearings of the property, buildings
 - contour lines at 1 foot intervals
 - scale of 1 inch to 20 feet
 - existing buildings, structures
 - roads, easements, utilities on both the property and within 50 feet of the boundary
 - locations of storm water discharges, wetlands, storm drain inlets
 - all utilities
3. Major phases of development:
 - roads, structures
 - contours before and after grading, flow arrows
 - disturbed areas
 - locations of major structural and non-structural BMPs identified in the SWPPP
 - BMP locations will include but not limited to locations and type of interim stabilization, areas used for dumpster, toilet, equipment and material storage areas, concrete cleanout, silt fencing, site entrance details, inlet protection, vehicle maintenance, stockpiles, staging
 - updated map as each phase of construction is complete
4. The final developed site:
 - drainage systems locations and receiving waters
 - post construction BMP's (structural and maintenance/good housekeeping) including design specifications
 - final contours and flow arrows
 - final slopes and flow directions
 - storm water flow rate leaving the site

SECTION 2: BMP Selection

List the BMPs that will be implemented to control pollutants in storm water discharges. Because the use of BMP's is site specific the site should be evaluated for the following and appropriate BMP's to be used. (Add extra BMP's as needed)

- Minimized disturbed area and protection of natural features and soil
- Phased construction activity

- Control of storm water flowing onto and through the project
- Stabilization of soils – both temporary and permanent
- Protection of slopes
- Protection of storm drain inlets
- Establishment of perimeter controls and sediment barriers
- Establishing stabilized construction exits
- Good housekeeping- concrete washout, sweeping, construction debris, waste management, spill prevention and response, etc.
- Post construction – snout maintenance, lot sweeping, pond maintenance, infiltration basin/injection well inspection and maintenance, slope protection, etc.
- Any additional BMP's including those used for final stabilization of the entire site or sections of the site where work has been completed.

All BMP's selected for the site and listed below must have a fact sheet(s) attached to the SWPPP in Appendix K. Below are links to BMP fact sheets. The BMP's needed for the site are not limited to these links but provided as a help in developing site specific BMP's.

<http://www.deq.utah.gov/FactSheets/docs/handouts/BMP.pdf>

http://slco.org/pweng/stormwater/pdf/final_bmp_constructi.pdf

<http://www.murray.utah.gov/DocumentCenter/Home/View/89>

BMP	Purpose	Perm anent	Temp orary	Inspection Schedule

SECTION 3: INSPECTIONS

3.1 *Inspections*

1. *Inspection Personnel:* Identify the person(s) who will be responsible for conducting inspections and list their qualifications, storm water certification(s) and contact number

- 1.
- 2.

Storm water qualifications include:

- Utah Registered Storm Water Inspector
- Certified Professional in Erosion and Sediment Control
- Certified Professional in Storm Water Quality
- Certified Erosion, Sediment and Storm Water Inspector
- Certified Inspector of Sediment and Erosion Control
- Utah Department of Transportation Erosion Control Supervisor
- NICET Level 3
- Environmental Control Supervisor Training

2. *Inspection Schedule and Procedures:*

Describe the site inspection schedules and procedures (include frequency of inspections for each BMP or group of BMPs, indicate when you will inspect, e.g., before/during/and after rain events, spot inspections):

Attach a copy of the inspection report from in Appendix E.

3.2 *Delegation of Authority*

Attach a copy of the signed delegation of authority form in Appendix K.

3.3 *Corrective Action Log*

Attach Corrective Action Log in Appendix F

SECTION 4: RECORDKEEPING AND TRAINING

4.1 Recordkeeping

Records will be retained for a minimum period of at least 3 years after the permit is terminated.

4.2 Log of Changes to the SWPPP

Attach SWPPP Amendment Log from Appendix G

4.3 Training

Attach Training Log from Appendix J

SWPPP APPENDICES

Attach the following documentation to the SWPPP:

Appendix A – Owner Delegation of Authority and Authorized Representative Certification

Appendix B – Subcontractor Certifications/Agreements

Appendix C – Construction General Permit

Appendix D – NOI and Acknowledgement Letter from State

Appendix E – Site Plan Sheets

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Appendix A – Owner Delegation of Authority Form

Delegation of Authority

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

_____ (name of person or position)
_____ (company)
_____ (address)
_____ (city, state, zip)
_____ (phone)

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

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

Name: _____

Company: _____

Title: _____

Signature: _____

Date: _____

AUTHORIZED REPRESENTATIVE CERTIFICATION AND NOTIFICATION

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: _____

Appendix B –Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION STORMWATER POLLUTION PREVENTION PLAN

Project Number: _____

Project Title: _____

Operator(s): _____

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

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

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

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

Company: _____

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

Signature: _____

Title: _____

Date: _____

Appendix C – Construction General Permit

<http://www.deq.utah.gov/Permits/water/updes/docs/2014/07Jul/FinalSWConstructionGenPermit.pdf>

Appendix D – NOI and Acknowledgement Letter

Attach NOI here

Appendix E – Site Plan Sheets

Appendix F – Inspection Report

Stormwater Construction Site Inspection Report

General Information	
Project Name:	
Location:	
Date of Inspection:	Start/End Time:
Inspector's Name:	
Inspector's Title:	
Inspector's Contact Information:	
Describe present phase of construction:	
Type of Inspection:	
<input type="checkbox"/> Regular	<input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event

Weather Information	
Has there been a storm event since the last inspection? Yes N	
o If yes, provide:	
Storm Start Date & Time:	Storm Duration (hrs): Approximate Amount of Precipitation (in):
Weather at time of this inspection?	
<input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snowing <input type="checkbox"/> High Winds <input type="checkbox"/> Other: Temperature:	
Have any discharges occurred since the last inspection? Yes N	
o If yes, describe:	
Are there any discharges at the time of inspection? Yes N	
o If yes, describe:	

Certification Statement

“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.”

Signature of Inspector

Printed Name and Title

Date

Overall Site Issues

Below are some general site issues that should be assessed during inspections. Customize this list as needed for conditions at your site.

BMP/activity	Implemented	Maintenance Required	Corrective Action Needed and Notes
1. All inactive slopes and disturbed areas stabilized?	Yes No	Yes No	
2. Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	Yes No	Yes No	
3. Are all sanitary waste receptacles placed in secondary containment and free of leaks?	Yes No	Yes No	
4. Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	Yes No	Yes No	
5. Are discharge points and receiving waters free of any sediment deposits?	Yes No	Yes No	
6. Are storm drain inlets properly protected?	Yes No	Yes No	
7. Is the construction exit preventing sediment from being tracked into the street?	Yes No	Yes No	
8. Is trash/litter from work areas collected and placed in covered dumpsters?	Yes No	Yes No	
9. Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	Yes No	Yes No	
10. Are vehicle and equipment fueling, cleaning and maintenance areas free of spills, leaks, or any other deleterious material?	Yes No	Yes No	
11. Are materials that are potential stormwater contaminants stored inside or under cover?	Yes No	Yes No	
12. Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	Yes No	Yes No	
13. (Other)	Yes No	Yes No	

Appendix J –SWPPP Training Log

Stormwater Pollution Prevention Training Log

Project Name:

Project Location:

Instructor's Name(s):

Instructor's Title(s):

Course Location: _____ Date: _____

Course Length (hours): _____

Stormwater Training Topic: (check as appropriate)

- Erosion Control BMPs Emergency Procedures
- Sediment Control BMPs Good Housekeeping BMPs
- Non-Stormwater BMPs

Specific Training Objective: _____

Attendee Roster: (attach additional pages as necessary)

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