



CPOD STORWATER POLLUTION PREVENTION PLAN REVIEW CHECKLIST

POST-CONSTRUCTION STORM WATER MANAGEMENT

The following pages contain the checklist that is used to review Stormwater Pollution Prevention Plans (SWPPPs). The checklist is based on the Utah Department of Environmental Quality, Division of Water Quality Common Plan Permit SWPPP Template (CPoD SWPPP Template). The Lehi City CPoD SWPPP Review Checklist does not exceed the requirements laid out in the CPoD SWPPP Template or the UPDES Common Plan Permit.

This review checklist has been made publicly available to clarify Lehi City's expectations when it comes to SWPPPs and aid in their development. Any time an applicant is required to make changes to their SWPPP, it is due to a failure to meet the requirements laid out in this checklist. All SWPPP submissions should be sent to lehicystormwater@gmail.com.

1. Project and Contact Information

All of the boxes for Project and Owner information must be checked. If the Owner is different from the General Contractor, all of the General Contractor Information Boxed must be checked. The SWPPP must indicate that the project is **NOT** located in Indian Country, and that the project is a residential building on a single lot and disturbing one acre or less.

2. Pollution Sources/Best Management Practices

The checklist questions in this section follow a pattern. The questions are numbered from 2.1 to 2.23. Any questions that are not numbered correspond to the number of the previously numbered question. The answer to all numbered questions must be "Yes" for your SWPPP to be approved. The answer to questions that are not numbered may be "Yes", "No", or "N/A" depending on whether it applies to your site. If an item is applicable to your site, an appropriate control must be selected from the checklist.

For example, in a situation where construction dewatering would be used on the site, the answers should be as follows:

2.2 Is construction dewatering addressed? "Yes"

Will there be construction dewatering on the site? "Yes"

If yes, which of the controls below will be used? "Water from the dewatering of the construction area will be infiltrated on site."

In a situation where construction dewatering would **NOT** be used on the site, the answers should be as follows:

2.2 Is construction dewatering addressed? "Yes"

Will there be construction dewatering on the site? "No"

If yes, which of the controls below will be used? (Leave blank)

3. Sequence of Construction Activity
4. Site Map
5. Potential Source of Pollutants
6. Spill Prevention and Response Plan
7. SWPPP, Inspections, and Corrective Action Reports
8. Training of Sub-Contractors
9. Changes to the SWPPP
10. Record Keeping
11. Delegation of Authority (if any)
12. Discharge Information
13. Certification and Notification

SWPPP Appendices

For questions with the options "Yes" and "No", the answers must be "Yes" for your SWPPP to be approved. For questions with the options "Yes", "No", and "N/A", the answers in most cases should be "Yes", but in situations where the item is not applicable to your specific site the answer may be "N/A". Answering "No" to any items in these sections will result in your SWPPP **NOT** being approved. Questions with checkboxes are intended to aid Lehi City SWPPP Review staff in their review process.



Lehi UT CPoD SWPPP Review

Site Name:	<u>Test Site 1</u> <u>84XR+P3 Lehi, UT, UT</u>	Inspector:	Shelbey Brewer
Permit #:		Inspection Frequency:	
Date of Visit:	Mar 4, 2024, 10:10:52 AM	Last Rain Event --	Last Precipitation Saturday, March 2, 2024, 0.22" 48h Forecast 36% Chance of Rain

1. Project and Contact Information

Does the SWPPP include the required Project Information?

- Project Name Address
- City, State, Zip Latitude and Longitude
- UPDES Permit Tracking Number

Project Number

UTRHXXXX

Does the SWPPP contain the required Owner Information?

- Owner Contact Person Address
- City, State, Zip Telephone Number
- Email Address

If the Owner is different from the General Contractor, does the SWPPP contain the required General Contractor Information?

- General Contractor Contact Person
- Address City, State, Zip
- Telephone Number Email Address

Answering "yes" to the question below means the project is not eligible for this permit.

Is the project in Indian Country?

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

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

2. Pollution Sources/Best Management Practices

2.1 Will there be a SWPPP sign on site?

2.2 Is construction dewatering addressed?

Will there be construction dewatering on the site?

If yes, which of the controls below will be used?

Dewatering of the construction area is needed and a separate dewatering permit has been obtained to treat and discharge water. Construction dewatering (if discharged offsite) must be covered by UPDES Permit UTG070000.

Water from the dewatering of the construction area will be infiltrated on site.

2.3 Are non-storm water discharges addressed?



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Will there be non-storm water discharges on the site?

 Yes
 No
 N/A

If yes, are all anticipated non-storm water discharges listed?

 Yes
 No
 N/A

If there will be non-storm water discharges, list all anticipated non-storm water discharges below:

If there will be non-storm water discharges, which of the controls below will be used?

All non-storm water discharges are listed as allowable per permit part 1.3.

All non-storm water discharges that are not allowed are properly contained.

All non-storm water discharges that are contaminated with sediment only (free of chemicals, oils, etc.) will be treated in a sediment basin or equivalent.

Other (Describe Below)

Describe other non-stormwater controls:

2.4 Is phasing and minimizing soil disturbance addressed?

 Yes
 No

Will the total area of disturbance be phased to minimize the total exposure of disturbed soil at one time?

 Yes
 No
 N/A

If disturbance will be minimized, are the locations described in the SWPPP and shown on the map?

 Yes
 No
 N/A

If disturbance will be minimized, describe below:

2.5 Are perimeter controls addressed?

 Yes
 No

What perimeter controls will be used?

Silt Fence Berms Vegetative Buffer

Cut-Back-Curb

Staked Straw Wattles (Fiber Rolls)

Weighted Wattles Other (Describe Below)

Describe other perimeter controls:

2.6 Are surface waters and vegetative buffers addressed?

 Yes
 No

Are there any surface waters located within 50 feet of the project's earth disturbances?

 Yes
 No
 N/A

If yes, which of the below controls will be used?

30' Natural Vegetative Buffer

2 Silt Fence Barrier

2 Straw Wattle Barriers (Fiber Roll)

Other (Describe Below)



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Describe other surface water controls:

2.7 Are critical or sensitive areas addressed?

 Yes No

Are there critical or sensitive areas (such as preservation of the drip lines around trees, wetlands, buffer zones by water bodies, etc.) located on or adjacent to the site?

 Yes No N/A

If yes, which of the below controls will be used?

Separate and Isolate with Environmental Fencing

Other (Describe Below)

Describe other critical or sensitive area controls:

2.8 Is vehicle track out addressed?

 Yes No

If yes, what track out controls will be used to prevent dirt from being tracked on streets as vehicles leave the site?

- Track Out Pad Cobble **Gravel**
- Rumble Strips Wash Down Pad
- Delivery Pad Restricted Site
- Selective Access During Dry Weather (Dry Soil)
- Other (Describe Below)

Describe other track out controls:

2.9 Are storm drain inlet controls addressed?

 Yes No

Are there storm drain inlets on or down gradient of the site?

 Yes No N/A

If there are downstream inlets, how will they be protected?

- Rock/Sand-Filled Bags **Drop Inlet Bags**
- Filter Fabric Gravel or Sand Filled Wattles
- Proprietary Inlet Devices
- Other (Describe Below)

Describe other inlet controls:

2.10 Are curb ramps addressed?

 Yes No

Will curb ramps be used at the site?

 Yes No N/A

If yes, what material will be used?

- Crushed Rock **Wood/Steel Ramps**
- Other (Describe Below)

Describe other ramps that will be used:

2.11 Are stockpiles or spoil piles addressed?

 Yes No



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Will there be stockpiles or spoil piles on the site?

Yes No N/A

If yes, how will they be contained?

- Surrounded by Silt Fence
- Surrounded by Staked Straw Wattles
- Covered with Tarp
- Temporary - Removed Same Day
- Contained by other BMP (Explain Below)**
- Other (Explain Below)

Explain what other BMPs will be used:

Contained by Cut-Back-Curb

2.12 Are concrete, masonry, stucco, and paint work addressed?

Yes No

Does the project include installation of concrete, masonry, stucco, and paint (water based) work?

Yes No N/A

If yes, how will the wash water be contained?

- Lined Depression** Steel Dumpster
- Regional Washout (Per Development)
- Other (Describe Below)

Describe other washout controls:

2.13 Is solid waste addressed?

Yes No

If yes, how will solid waste be dealt with on the site?

- Bag Lightweight Trash**
- Leak Proof Dumpsters**
- Receptacles with Lids
- Other (Describe Below)

Describe other solid waste controls:

2.14 Is solvent, oil, fuel, and liquid waste, etc. disposal addressed?

Yes No

Will there be a need to dispose of solvents, oil, fuel, and liquid waste, etc.?

Yes No N/A

If yes, how will this be handled?

- Contained and Removed from the Site**
- Collected for Reuse Other (Describe Below)

Describe other chemical disposal controls:

2.15 Is sanitary waste addressed?

Yes No



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If yes, how will sanitary waste be handled on the site?

Portable Toilet(s) (staked down on dirt surface 10' from curb)

Onsite or Adjacent Indoor Bathrooms

Portable Toilet Secondary Containment (Secured with Straps to Heavy Weights)

Other (Describe Below)

Describe other sanitary waste controls:

2.16 Are spill controls addressed?

Yes No

If yes, how will the discharge of pollutants from spills and leaks be minimized?

Use of Drip Pans

Offsite Fueling and Maintenance Spill Kit

Spill Response Plan Other (Describe Below)

Describe other spill controls:

2.17 Is storage of construction materials addressed?

Yes No

Will there be a need to store construction materials on site

Yes No N/A

If yes, how will the exposure of materials with a pollution risk be minimized?

Covering Erodible or Liquid Materials

Secondary Containment

Strategic Storage and Staging

Stored Off-Site

Enclosed in a Weather Proof Shed

Other (Describe Below)

Describe other material storage controls:

2.18 Are steep slopes addressed?

Yes No

Does the site contain steep slopes (greater than 70%)?

Yes No N/A

If yes, how will steep slopes be protected?

Erosion Control Blanket

Avoid Disturbance of Slopes Seeding

Hydroseeding Mulch Tackifiers

Other (Describe Below)

Describe other steep slope controls:

2.19 Are highly erosive velocities addressed?

Yes No



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Are there site conditions that cause storm water flows with highly erosive velocities?

Yes No N/A

If yes, what controls will be used to minimize sediment transport?

- Gravel Check Dam**
- Straw Wattles (Fiber Rolls) Check Dam
- Divert Flows Around the Site
- Armored Channel (Riprap, Geotextile, Other)
- Other (Describe Below)

Describe other highly erosive flow velocity controls:

2.20 Is reduction of storm water volume to minimize sediment transport and channel and stream bank erosion addressed?

Yes No

If yes, what controls will be used to reduce storm water volume?

- Utilize basin, depression storage of storm water, cut back curb, or other to hold and infiltrate.**
- Prevent heavy equipment (as much as possible) from compacting soil so storm water will infiltrate easier.
- Rip soil after heavy equipment has caused compaction
- Other (Describe Below)

Describe other storm water volume reduction controls:

2.21 Is dust control addressed?

Yes No

Is there a need for dust control on the site?

Yes No N/A

If yes, how will dust be controlled?

- Wetting with Water**
- Cover Dirt Piles with a Tarp
- Use Magnesium Chloride, Calcium Chloride, or Lignan Sulfonate
- Stabilize Surface with Mulch, Gravel, or Other Surface Cover
- Other (Describe Below)

Describe other dust controls:

2.22 Is temporary stabilization addressed?

Yes No

Will there be disturbed areas on the site that will need to be temporarily stabilized before the project is completed?

Yes No N/A



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If yes, how will disturbed areas be temporarily stabilized?

- Bark or Other Mulch** Hydro-Mulch
- Seeding Tackifier
- Staked Netting with Straw Mulch
- Other (Describe Below)

Describe other temporary stabilization controls:

2.23 Is final stabilization addressed?

Yes No

Will the house be sold without landscaping?

Yes No N/A

If yes, how will sediment be contained on site until the home owner completes landscaping?

- Mulching/Hydro-Mulching Swales
- Silt-Fence Wattles **Cut-Back-Curb**
- Seeding Vegetated Buffer
- Grade Front Yard Lower than Sidewalk
- Other (Describe Below)

Describe other final stabilization controls:

3. Sequence of Construction Activity

Does the SWPPP contain a sequence of construction activities that includes all necessary details?

Yes No

4. Site Map

Is a map included in the SWPPP?

Yes No

Does the map show property boundaries and/or limits of disturbance?

Yes No N/A

If there are steep slopes, does the map show steep areas?

Yes No N/A

Does the map show the location of structures/facilities?

Yes No N/A

Does the map show the locations of stockpiles of soil and materials

Yes No N/A

Does the map show the locations of construction supplies

Yes No N/A

Does the map show the locations of portable toilets?

Yes No N/A

Does the map show the locations of garbage/trash containers?

Yes No N/A



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- Does the map show the locations of egress points/track out pads? Yes No N/A
- Does the map show the locations of concrete washout pits or containers? Yes No N/A
- Does the map show the locations of nearby water bodies, wetlands, and/or natural vegetative buffers? Yes No N/A
- Does the map show the locations of all BMPs, perimeter controls, erosion controls, sediment controls, inlet protection, etc.? Yes No N/A
- Does the map show the location of nearby storm drain inlets? Yes No N/A
- Does the map show areas that will be temporarily or permanently stabilized on the site? Yes No N/A
- Does the map show areas where disturbances will be delayed to minimize total exposed surface at one time? Yes No N/A

5. Potential Sources of Pollutants

- Is Table 2. Potential Construction Site Pollutants filled out and are appropriate pollution prevention methods listed for each material/chemical? Yes No
- What potential construction site pollutants apply to this project?
- Pesticides (Insecticides, Fungicides, Herbicides, Rodenticides)
 - Fertilizer Plaster Cleaning Solvents
 - Asphalt **Concrete** Glue, Adhesives
 - Paints** Curing Compounds
 - Wood Preservatives **Hydraulic Oil/Fluids**
 - Gasoline** **Diesel Fuel** Kerosene
 - Antifreeze/Coolants** **Sanitary Toilets**

6. Spill Prevention and Response Plan

- Does the SWPPP contain a spill response plan? Yes No
- Are the phone numbers of the city fire department, storm water division, police department, and engineering department included in the spill response plan? Yes No

7. SWPPP, Inspections, and Corrective Action Reports

- Does the SWPPP list who will conduct inspections and the proper weekly inspection schedule? Yes No
- Does the SWPPP include a general procedure for correcting problems when they are identified, including responsible staff and time frames? Yes No



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8. Training of Sub-Contractors

Is training of subcontractors addressed in the SWPPP?

 Yes

 No

9. Changes to the SWPPP

Does the SWPPP include a log to contain all changes to the SWPPP?

 Yes

 No

10. Record Keeping

Will a copy of the Common Plan Permit be available at the project site (electronically or physically) for inspectors to review?

 Yes

 No

Will the signed and certified NOI form be available at the project site (electronically or physically) for inspectors to review?

 Yes

 No

Will the inspection reports be available at the project site (electronically or physically) for inspectors to review?

 Yes

 No

11. Delegation of Authority (if any)

If the project requires a delegation of authority, has it been signed by the proper authority?

 Yes

 No

 N/A

12. Discharge Information

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

 Yes

 No

 N/A

Does the SWPPP list the MS4 receiving the discharge from the construction project?

 Yes

 No

 N/A

Does the SWPPP list the first surface water(s) that receives storm water directly from the site and/or the MS4?

 Yes

 No

 N/A

Does the SWPPP list any impaired surface water(s) that the site will discharge to, either directly or through the MS4?

 Yes

 No

 N/A

If the site discharges to any impaired surface water(s), does the SWPPP list pollutants causing the impairment, any completed TMDLs, and pollutants for which there is a TMDL?

 Yes

 No

 N/A

13. Certification and Notification

Have the owner and the operator signed their respective certifications?

 Yes

 No



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SWPPP Appendices

Does the Appendix contain BMP specifications and details corresponding to the BMPs selected in the SWPPP Yes No

Does the SWPPP contain all other necessary permits or documentation? Yes No N/A

Will the SWPPP be approved by Lehi City Yes No

Notes: This inspection is being used as an example form for the Lehi City website.

Certification & Signatures

Signature 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.

Electronic Signature
X *Shelbey Brewer*

Date
March 4, 2024 at 10:25:58 AM MST

Title
SWMP Engineer