

Wyoming Department of  
Environmental Quality  
Template for the  
Storm Water Pollution Prevention Plan  
(for the Large Construction General Permit)



PLEASE READ THIS PRIOR TO COMPLETING THE TEMPLATE. While use of this template is optional, your project SWPPP must follow the format set forth in Part 8.2 of the Large Construction General Permit (LCGP) for storm water discharges. SWPPPs that do not follow the required format will be returned to the applicant and processing will be delayed until a compliant SWPPP is submitted to the WDEQ. This template is intended to assist operators in developing a compliant SWPPP. For your convenience, each section below references the relevant paragraph of the LCGP. If there is any question about what is required for a section, refer to the LCGP for information.

The SWPPP is a site-specific, dynamic plan which, when implemented, will control erosion and sedimentation, prevent storm water contamination and comply with the requirements of the federal Clean Water Act and Chapter 2 of the Wyoming Water Quality Rules and Regulations. It is the permittee's responsibility to ensure all required items in the LCGP are adequately addressed and in compliance with all the requirements of the LCGP.

Project/Site information

WYPDES Authorization Number: WYR10

**Project/Site Name:**

**Project Location - Enter either:**  
**Quarter/Quarter, Section, Township, Range**  
**OR**  
**Street Address and City**  
**OR**  
**Latitude and Longitude**

SWPPP Administrator (8.2.1)

Company or Organization:

Name of Individual:

Title:

Phone:

Cell Phone:

Fax:

E-mail:

## Narrative Site Description (8.2.2)

A brief description of the nature of the construction activity (8.2.2.1):

Proposed sequence of major activities including an estimated completion date (8.2.2.2)

An estimate of the total area of the project site (8.2.2.3):

An estimate of the area expected to undergo clearing, excavation or grading, including off-site materials sources, access roads, areas for support activities and staging/storage areas (8.2.2.3) Note that areas included under a separate WYPDES storm water permit authorization do not need to be included here:

Describe storm water discharges from support activities dedicated to the construction site (and permitted under the construction site LCGP) including, but not limited to, off-site materials borrow areas, concrete or asphalt batch plants, equipment staging yards, material storage areas and access roads constructed for the project (8.2.2.4):

A brief description of the existing vegetation at the site and an estimate of the percent of vegetative ground cover (8.2.2.5):

Provide the location and a description of any other potential pollution sources including, but not limited to, vehicle fueling, equipment maintenance, storage of fertilizers, chemicals or paint (8.2.2.6):

Provide the name of drainages or other surface water(s) of the state that may receive a storm water discharge from the construction activity. Identify the size, type and location of any outfall.

- Where a discharge is to an unnamed drainage, provide the name of the first named drainage within 1000 feet downstream of the discharge. If there is no named drainage within 1000 feet, indicate unnamed drainage.
- If the discharge is to a municipal separate storm sewer, indicate the owner of the system, the location of the storm sewer outfall and the name of the receiving water.
- If more space is needed, attach additional sheets (8.2.2.7).

Identify any receiving water(s) that is listed on the state's most recent 303(d) report as impaired due to, or has an approved TMDL for, sediment, suspended solids or turbidity that is: 1) within 2000 feet of the construction site and that may receive runoff from the construction site or; 2) will receive construction site storm water discharges that enter a storm sewer system regardless of the distance from the receiving water. See 3.5.11 for additional information. (8.2.2.8)

## Site Map(s) (8.2.3)

Attach one (or more) map(s) that provide, at a minimum, the following information. The map(s) should be prepared so that all of the required information is clearly displayed and it is clear what BMPs will be installed in each major stage of construction, including the time between the cessation of active construction and final stabilization. Provide multiple maps as necessary to clearly describe BMP timing and placement. The scale of the map(s) must be sufficient to identify the location of all the items listed below:

1. Preconstruction topography and location of surface waters of the state
2. Construction site boundaries.
3. All areas of soil disturbance and areas that are to remain undisturbed.
4. The location of surface waters of the state including any unnamed drainages.
5. Areas used for storage of building materials, soils, wastes, fuel, and concrete washout areas.
6. Locations of all existing or planned temporary or permanent erosion and sedimentation controls.
7. Locations of all other structural and non-structural best management practices for pollutants other than sediment, including but not limited to, fueling/maintenance areas and concrete washout disposal areas.
8. Site topography or storm water drainage patterns including lines showing boundaries between different drainage areas in the project area(s).
9. Areas where dedicated support activities (e.g. operations producing earthen materials such as sand and gravel, staging areas, portable asphalt or concrete batch plants) occur and are to be covered under the same general permit authorization. **Include all the same information requested in this section on these off site maps.**
10. Storm water discharge locations. Include discharge locations for offsite operations covered under this permit.
11. North Arrow. Include a legend where needed for clarity.

## Best Management Practices (8.2.4)

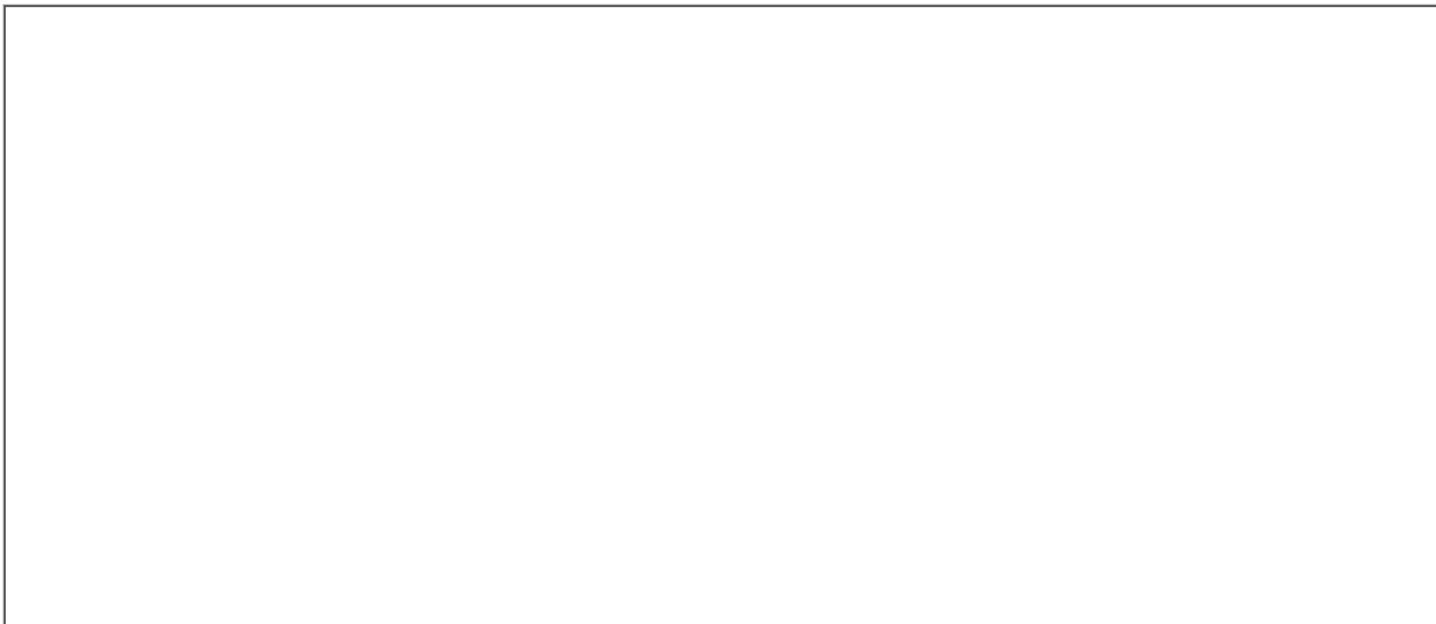
At a minimum, structural storm water best management practices (BMPs) are expected to withstand and function properly during precipitation events up to, and including, a 2-year, 24-hour storm event. Visible and measurable erosion (see Part 7.4 of the LCGP) that leaves the site from such storm events should be minimal. The 2-year, 24-hour event in Wyoming ranges from 0.8 to 2.6 inches. An isopluvial map of the 2-year, 24-hour storm depth for the state of Wyoming is available on the WDEQ storm water website. Permittees may substitute equivalent data published by the local municipality or regulatory agency.

The plan shall clearly describe the relationship between the stages of construction and the implementation and maintenance of controls and measures. For example, which controls will be implemented during each stage of construction, such as, clearing and grubbing necessary for perimeter controls, initiation of perimeter controls, remaining clearing and grading, road grading, storm drain installation, final grading, stabilization and removal of control measures.

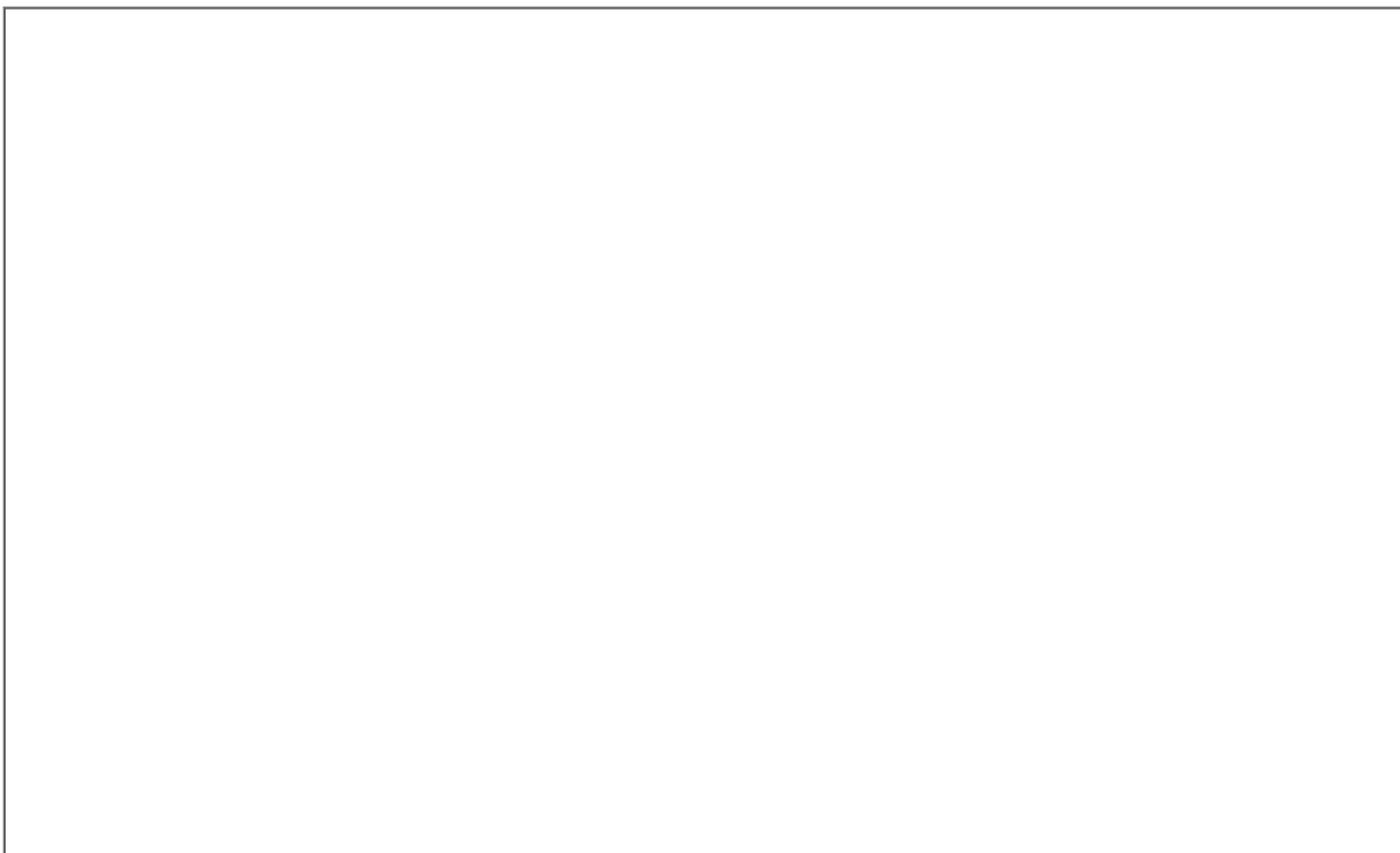
The description of controls shall address the following *minimum components*. If the space provided below is inadequate, please attach additional sheets.

**Erosion Prevention BMPs (8.2.4.1a).** Clearly describe in detail the storm water erosion control BMPs that will be used at each major stage of construction. Indicate the location of the described measures on the site map(s) as required above. Examples of erosion control BMPs include, but are not limited to, preserving existing vegetation, scheduling (i.e., minimizing site disturbance at a given time), surface roughening, temporary and permanent seeding or planting, soil binders or tackifiers, erosion control blankets/mats, wind erosion control, storm water diversion practices upslope of a construction site, pipe slope drains and outlet protection.

Sediment Control BMPs (8.2.4.1b). Clearly describe in detail the sediment controls that will be used at each major stage of construction. Indicate the location of these BMPs on the required site map(s). Examples of sediment control BMPs include, but are not limited to, sediment barriers (such as straw bales, gravel/rock berms, silt fences, fiber rolls and wattles), undercut lots where curb and gutter is installed, exit tracking controls, vegetated buffer strips, grassed waterways, water bars and water wings.



Stabilization Measures (8.2.4.1c). Describe temporary or permanent stabilization measures (which include, but are not limited to, cover crop plantings, mulching, rolled erosion control products or surface roughening). Refer to the permit at Part 7.14 for additional information. Please note that implementation of stabilization measures is required in areas where further clearing, grading, excavating or other earth disturbing activities have permanently ceased or temporarily ceased and are not expected to resume for more than 14 days. See the permit at part 7.14 for further discussion and limited exceptions.

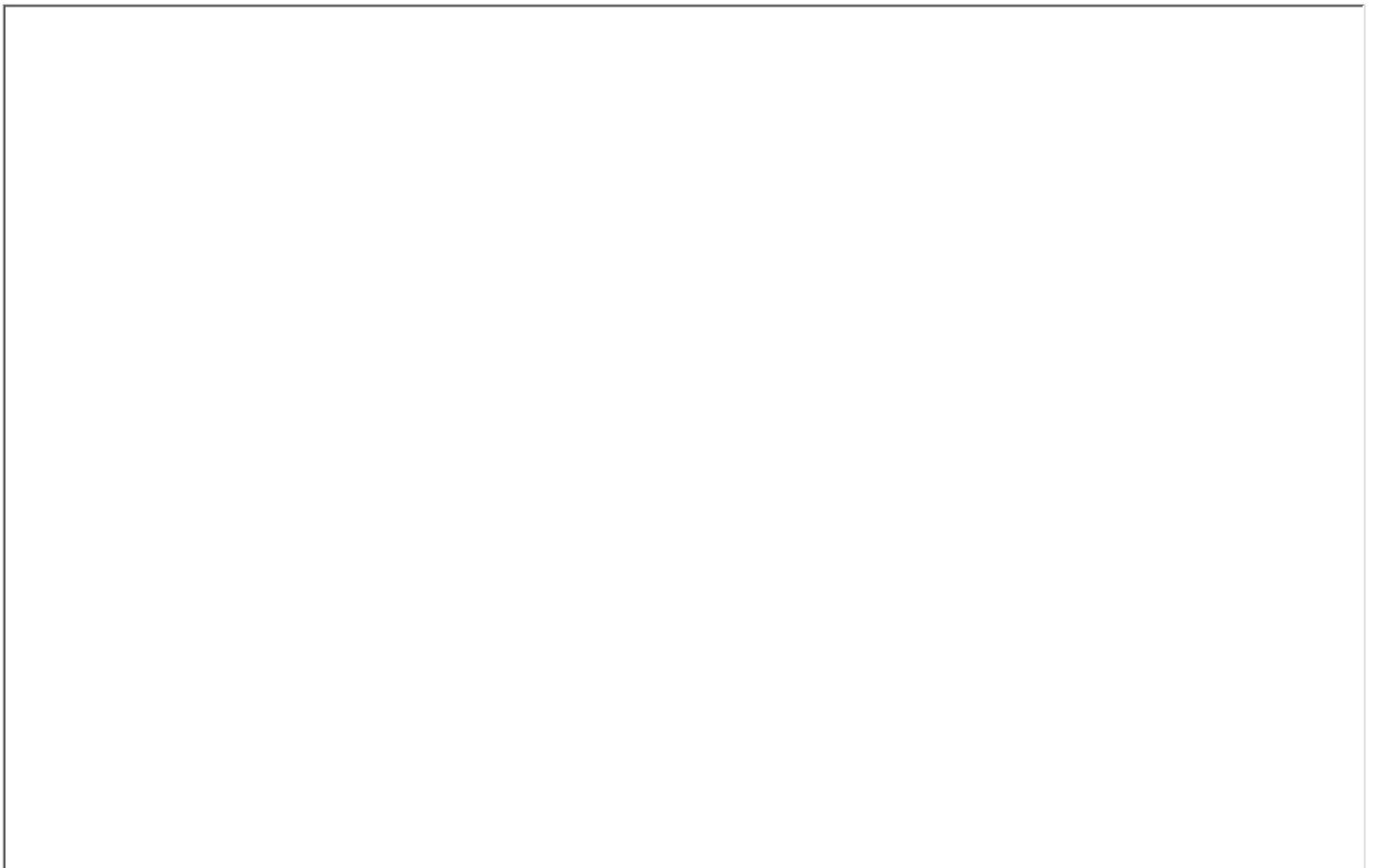


Construction site dewatering (8.4.4.2) Describe the specific BMPs that will be used for discharges from construction site dewatering. Discharges must meet the conditions specified in Part 7.13 of the LCGP including the use of appropriate settling or filtering techniques and the use of velocity dissipation devices at the outlet. This section addresses accumulated storm water only. Discharge of ground water is subject to another WYPDES discharge permit for wastewater.



### Operational Controls (8.2.4.3)

Good Housekeeping (8.2.4.3a). Describe in detail the good housekeeping BMPs/procedures that will be implemented to maintain a clean and orderly facility. At a minimum, this section shall address litter, debris, chemicals, fertilizers and sanitary waste. Also include measures to remove sediment that has left the construction site.



Bulk Storage of Petroleum Products (8.2.4.3b). Describe in detail the specific practices that will be used for storage of bulk petroleum products. Include spill handling procedures. Those sites that are covered by and in compliance with other relevant plans (such as a Spill Prevention Control and Countermeasure (SPCC) plan) may reference that plan below as fulfillment of this requirement. See the permit for more information.

Concrete Washout and other Related Waste (8.2.4.3c). Clearly describe the specific practices that will be used to contain concrete wash waters. Where applicable, management of concrete grindings and slurry must also be described. Include relevant operations at portable concrete batch plants that are covered under the same authorization as the construction activity.

Employee Training (8.2.4.3e). Describe your training program to inform personnel of their responsibility in implementing the practices and controls in the SWPPP, including, but not limited to, spill response, good housekeeping and sediment control.

## Maintenance (8.2.5)

Maintenance. Describe the schedule, intervals or conditions upon which BMPs described in the SWPPP will be maintained. Each type of structural BMP (e.g., wattles, silt fence, rolled erosion control products, basins/ponds, etc.) described in the SWPPP should be addressed. Please note that BMPs found to be in need of maintenance must be repaired, maintained or replaced in accordance with Appendix C, Part 2.

## Inspections (8.2.6)

Inspection Schedule. Describe an inspection program and schedule that meets the requirements of the LCGP, Part 9.

## SWPPP Certification (8.2.7):

*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. In addition, I certify that I am aware of the terms and conditions of the large construction general permit and I agree to comply with those requirements.*

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Printed Name of Person Signing

Title

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Signature

Date

Telephone

***Authorized signatories for this notice of intent are the following. Please note that the permittee may authorize other parties to SWPPPs and inspection reports as described in the permit at Part 10.7:***

*For corporations:*

*A principal executive officer of at least the level of vice president, or the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the overall operation of the facility from which the discharge originates.*

*For partnerships:*

*A general partner.*

*For a sole proprietorship:*

*The proprietor.*

*For a municipal, state, federal or other public facility:*

*Either a principal executive officer or ranking elected official.*

