

STORM WATER POLLUTION PREVENTION PLAN TEMPLATE

PLEASE READ THIS PRIOR TO COMPLETING FORM: This SWPPP template is intended to help operators in developing a SWPPPP that complies with Part 8.2 of the Wyoming Department of Environmental Quality WYPDES Storm Water Program Large Construction General Permit. The SWPPP is a site specific, dynamic plan designed to control erosion and sedimentation, prevent storm water contamination, and comply with requirements of the Clean Water Act. It is the permittee's responsibility to ensure all required items in the Large Construction General Permit are adequately addressed, and that the SWPPP is developed, implemented, and maintained.

Project or Site Information:

Project/Site Name:

Project Location as either Quarter/Quarter, Section, Township, Range OR Street Address and City:

Permittee (Owner/Operator) Information:

Owner or Operator Name:	
Mailing Address:	
City, State, ZIP Code:	
Phone Number:	

Permit Number: WYR10

Part 8.2.1 SWPPP - Administrator:

Company or Organization:	
Name:	
Title:	
Phone #:	
Email:	

Part 8.2.2 – Site Description:

8.2.2.1

Brief description of nature of the construction activity:

8.2.2.2

Proposed sequence of major activities and an estimated date final stabilization is expected to be achieved.

8.2.2.3

Estimate of total area of the site: _____ acres
and

Estimate of total area of the site expected to undergo disturbance related to the construction activity including clearing, excavation, and grading as well as offsite borrow areas, access roads, areas for support activities and staging/storage areas. _____ acres

8.2.2.4

A description of storm water discharges from support activities dedicated to the construction site 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.

8.2.2.5

Brief description of existing vegetation at the site and an estimate of the percent of vegetative ground cover. **(Pre-disturbance photos are helpful.):**

8.2.2.6

List the location and description of any other potential pollution sources including, but not limited to vehicle fueling, equipment maintenance, fertilizer storage, chemicals, or paint:

8.2.2.7a

Name of the drainage or water body (surface water(s) of the state) that may receive a storm water discharge from the construction activity and the size, type, and location of any outfall. **Note: Where discharges are to unnamed drainages, provide the name of the first named drainage that will receive that discharge if the first named drainage is within 1000 feet of the discharge:**

8.2.2.7b

If the storm water discharge is to a separate storm sewer, indicate the name of the municipal owner of that system, the location of the storm sewer outfall, and the name of the drainage or water body that will receive the storm water discharges from the municipal outfall:

8.2.2.8

Identify any water body listed as impaired under section 303(d) of the federal Clean Water Act due to sediment, suspended solids or turbidity or that has an approved TMDL for sediment, suspended solids or turbidity that is within 2000 feet of, and may receive storm water flow from the permitted construction activity. The state's most recent 303(d) list can be found in the current Integrated 305(b) and 303(d) Report. The report can be found on the WDEQ Water Quality Division Watershed Management website under Water Quality Assessment at:

<http://deq.wyoming.gov/wqd/water-quality-assessment/resources/reports/>. Approved TMDLs can be found on another webpage at <http://deq.wyoming.gov/wqd/tmdl/resources/completed-projects/>

Name of impaired water body:

Part 8.2.3 -Site Maps.

One (or more) map(s) should be prepared 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:

- 8.2.3.1 Construction site boundaries.
- 8.2.3.2 All areas of soil disturbance and areas that are to remain undisturbed.
- 8.2.3.3 The location of surface waters of the state as defined in Part 2.19 of the Large Construction General Permit (LCGP).
- 8.2.3.4 Areas used for storage of building materials, soils, wastes, fuel, and concrete washout.
- 8.2.3.5 Locations of all existing or planned temporary or permanent erosion and sedimentation controls.
- 8.2.3.6 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.
- 8.2.3.7 Site topography or storm water drainage patterns including lines showing boundaries between different drainage areas in the project area(s).
- 8.2.3.8 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 as the construction activity. See Part 1.2.2 of the LCGP for more information on what can be covered under an authorization. Activities covered under another WYPDES storm water authorization (such as a mineral mine with separate coverage) do not need to be included.
- 8.2.3.9 Storm water discharge locations. Include discharge locations for offsite operations covered under this permit. Also include storm drain inlets where storm water entering

the storm drain system may leave the construction site and any points where storm water will discharge directly to a surface water of the state within the construction site.

8.2.3.10 Also note all locations where storm water will run on to the construction site from areas outside the site boundaries.

8.2.3.11 North Arrow. Include a legend where needed for clarity.

Part 8.2.4 – Best Management Practices (BMPs)

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

8.2.4.1 Erosion and sediment controls.

8.2.4.1a

Erosion prevention BMPs. Clearly describe in detail the storm water erosion control BMPs that will be used for erosion control during construction related earthwork activities. Indicate the location of these measures on the site map required above, or a similar separate map. Examples of BMPs for erosion prevention include, but are not limited to preserving existing vegetation, scheduling (e.g., minimizing site disturbance at a given time), surface roughening, permanent or temporary seeding and planting, mulches, soil binders or tackifiers, erosion control blankets and mats, wind erosion control, storm water diversion practices upslope of a construction site, pipe slope drains, and outlet protection.

Erosion prevention BMPs narrative:

8.2.4.1b

Sedimentation Control BMPs. Clearly describe in detail the storm water sedimentation control BMPs that will be used for sediment control during construction related earthwork activities. Indicate the location of these measures on the site map required above, or a similar separate map. Examples of BMPs for sedimentation control include, but are not limited to sediment barriers such as straw bales, gravel berms, silt fences, fiber rolls, wattles, storm drain inlet protection, entrance/exit tracking controls, undercut lots where curb and gutter are installed, vegetated buffer strips, grassed waterways, water bars, and water wings.

Sedimentation Control BMPs narrative:

8.2.4.1c

Stabilization Measures. Describe temporary and permanent stabilization measures such as the BMPs listed in the previous Erosion Prevention BMPs and Sediment Control sections for exposed soil areas where activities have permanently or temporarily ceased. Refer to Part 7.15 for additional information on stabilization requirements and timing. **Please note: temporary or permanent stabilization measures are required in areas where further work is not expected for 14 days or more**

Temporary stabilization narrative:

8.2.4.2

Construction Site Dewatering. Clearly describe the specific BMPs that will be used for discharges from construction site dewatering. Discharges must meet the conditions specified in Part 7.14 of the LCGP including the use of settling or filtration techniques as appropriate and the use of velocity dissipation devices at the outlet.

Construction Site Dewatering narrative:

8.2.4.3 Operational Controls.

8.2.4.3a

Good Housekeeping BMPs. Describe in detail the good housekeeping BMPs that will be implemented to maintain a clean and orderly facility. At a minimum, this plan shall address litter, debris, chemicals, fertilizers and sanitary waste. Include measures to remove sediment that has left the site:

Good Housekeeping narrative:

8.2.4.3b

Bulk Storage of Petroleum Products. Describe in detail the specific practices for bulk storage of petroleum products at the site. (**See Part 8.2.4.3.b of the LCGP for more information**). An SPCC plan may also be referenced. Bulk Storage of Petroleum Products narrative:

8.2.4.3c and d

Concrete Waste. Clearly describe the specific practices that will be used to contain concrete wash waters, grindings or slurry from entering storm drains or surface waters of the state. **Please note: Concrete grindings must be disposed of in accordance with the regulations and policies of the WDEQ Solid and Hazardous Waste Division.** Include portable concrete batch plants and asphalt batch plants covered under this permit. Concrete Waste narrative:

8.2.4.3e

Employee Training. Describe employee training that will be provided to inform personnel of their responsibility in implementing the practices and controls included in the SWPPP. Employee Training narrative:

8.2.5 Maintenance

Maintenance Schedule. Describe the schedule, intervals, or conditions upon which BMPs described in the SWPPP will be maintained. Please note: BMPs found to be in need of repair or maintenance shall be repaired or maintained in accordance with Appendix C, Part 2 of the LCGP. Repair and maintenance activities shall be documented and maintained in accordance with Part 9.7. Maintenance Schedule narrative:

8.2.6 Inspections

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

Inspection Schedule narrative:

8.2.7 Certification

Authorized signatories for this SWPPP are the following:

For Corporations: *A principal executive officer of at least the level of vice president or the manager of the site for which this SWPPP is being implemented who has day to day management control and decision making authority.*

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.*

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.

Printed Name of Person Signing

Title

Signature

Date

Telephone