

equipment use, then source control controls dealing with spill prevention may be appropriate. Thus, once the source or activities are determined the list of BMPs should be consulted to determine the most applicable practices.

A fact sheet for each of the source control BMPs listed in Table 11-2 is provided in Section 11.6.

**Table 11-2
Source Control BMPs**

BMP	Purpose
Concrete Washout	Good Housekeeping/Source Control
Waste Management	Good Housekeeping/Source Control
Use of Pesticides, Herbicides and Fertilizers	Good Housekeeping/Source Control
Illicit Discharge Controls	Good Housekeeping/Source Control
Good Housekeeping	Good Housekeeping/Source Control
Preventative Maintenance	Good Housekeeping/Source Control
Spill Prevention and Response	Good Housekeeping/Source Control
Stock Pile Management	Good Housekeeping/Source Control

11.5.3 SWPPP Checklist (Note that the Permit referenced in this table is the WYPDES General Construction Stormwater Permit)

Table 11-3 outlines a checklist that can be used to ensure that the SWPPP includes information relevant to the WYPDES Construction Stormwater Permit requirements.

**Table 11-3
SWPPP Checklist**

Complete?	Description	Gillette Stormwater Permit	WYPDES Permit Part
	Identify individual(s) responsible for implementing, maintaining, and revising the SWPPP, including contact information.	11.4.1	7.2.1
	Site Description		7.2.2
	Describe the nature of the construction activity.	11.4.2	7.2.2.1
	Describe the proposed sequence of major activities and completion date.	11.4.2	7.2.2.2
	Estimate of the total area of the site disturbance including off site borrow areas, access roads, and staging/storage areas.	11.4.2	7.2.2.3
	Describe existing site vegetation and percentage of ground cover.	11.4.2	7.2.2.4
	Describe any other potential pollution sources.	11.4.2	7.2.2.5
	Locations of drainages that may receive stormwater runoff from this construction activity.	11.4.2	7.2.2.6

**Table 11-3
SWPPP Checklist**

Complete?	Description	Gillette Stormwater Permit	WYPDES Permit Part
	Site Map		7.2.3
	Construction site boundaries.	11.4.3	7.2.3.1
	All areas of soil disturbance.	11.4.3	7.2.3.2
	The location of surface waters of the state as defined in Part 2.20 of the WYPDES General Permit.	11.4.3	7.2.3.3
	Areas used for storage and concrete washouts.	11.4.3	7.2.3.4
	Locations of existing or proposed BMPs.	11.4.3	7.2.3.5
	Site topography or stormwater drainage patterns.	11.4.3	7.2.3.6
	Where included as part of the permitted project, include site maps for offsite concrete/asphalt batch plants, borrow areas and/or fill material disposal areas, and staging and storage areas.	11.4.3	7.2.3.7
	Best Management Practices (BMPs)		7.2.4
	Erosion and Sediment Controls		7.2.4.1
	Erosion prevention BMPs to be used on site.	11.4.4	7.2.4.1.1
	Sediment control measures to be used on site.	11.4.4	7.2.4.1.2
	Temporary erosion protection measures that will be used in exposed soil areas where activities have permanently or temporarily ceased.	11.4.4	7.2.4.1.3
	BMP selection, installation, and maintenance procedure.	11.4.4	7.2.4.1.4
	Are BMPs designed to withstand and function properly during a 2-year, 24 –hour storm event?	11.5	7.2.4.1.5
	List construction site dewatering BMPs that will be used. BMPs must meet Part 8.8 conditions.	11.4.4	7.2.4.2
	Describe the temporary stabilization measures that will be implemented after construction is complete and until final stabilization is complete.	11.4.4	7.2.4.3
	Source Controls		7.2.4.4
	Describe good housekeeping BMPs that will be used to address litter, debris, chemicals, fertilizers, sanitary wastes, and sediment that may leave the construction site.	11.4.4	7.2.4.4.1
	Describe BMPs for petroleum product bulk storage and spill management.	11.4.4	7.2.4.4.2
	Describe on site concrete washout facilities.	11.4.4	7.2.4.4.3
	List appropriate BMPs that will be used to control stormwater pollution from concrete or asphalt batch plants covered under this permit.	11.4.4	7.2.4.4.4
	Does the plan indicate the conditions or intervals upon which BMPs shall be maintained?	11.4.4	7.2.4.5

**Table 11-3
SWPPP Checklist**

Complete?	Description	Gillette Stormwater Permit	WYPDES Permit Part
	Provide a schedule of inspections for BMPs as described in Part 9 of the WYPDES General Permit.	11.4.4	7.2.4.6
	All SWPPPs must be signed in accordance with Part 10.7 of the WYPDES General Permit.	11.4.4	7.2.4.7

11.6 STRUCTURAL AND SOURCE CONTROL BMP FACT SHEETS

The structural and source control BMP fact sheets are divided into sections based on the type of measure and are intended as a guide for determining practical applications for a project site. Each fact sheet includes:

- Description of the BMP.
- Design criteria.
- Advantages and limitations of the specific BMP.
- Maintenance and cost information where there was available data.
- Stormwater management suitability (providing guidance on the appropriate applications of that BMP).
- Implementation considerations [providing insight on land requirements, capital costs, and potential maintenance burden(s)].

An “L”, “M”, or “H” is placed in front of each of the categories indicating the relative amount of land required, cost, and/or maintenance needs for each of the BMPs listed. For a low requirement, an “L” is used; for a moderate requirement, an “M” is used, and for a high requirement, an “H” is used. *Note, the determination of “L”, “M”, and “H” are based on the relative (qualitative) comparison with the other listed BMPs in this section only.*

It is important to have supporting documentation and/or justification for the selection of BMPs for a project. BMP selection is dependent upon several factors, including, but not limited to:

- Project type (construction, new/existing land disturbing activity; road; good housekeeping)
- Pollutants of concern (e.g., sediment, phosphorus, *e. coli*, metals, salts)
- Site Conditions (precipitation, topography, soils)
- Proximity to surface water bodies with water quality standards
- Proximity to adjacent land owners, agencies, and jurisdictions
- Objectives of the City’s Stormwater Program
- Objectives of the City’s Long-Term Stormwater/Environmental Goals including, but not limited to, Low Impact Development/Green Initiatives