

Construction Site Run-off Control – MCM #4

Part II.C.7.d

Responsible Person:

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

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18.b. Title: Stormwater Specialist
18.c. Department: Environmental Health and Safety
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18.a. Name: Gayle Fratto
18.b. Title: Assistant Director
18.c. Department: Environmental Health and Safety
18.d. Address: 975 Rawley Lane, P.O. Box 6551, Morgantown, WV 26506
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18.f. Email address: Gayle.Fratto@mail.wvu.edu

18.g. Is another entity sharing responsibility for this MCM? If so, who?
No, Environmental Health and Safety will oversee the overall implementation of the Construction Site Runoff Control Program.

Control Objective and BMPs

18.h. State your overall objective for this minimum control measure.
Continue to implement a program to reduce pollutants in stormwater runoff from construction sites and land disturbance activities.

18.i. State and describe your BMPs. Indicate which BMPs are part of your existing program. Each BMP was part of the existing program. Each BMPs has redefined milestones and measureable goals to better achieve implementation. Table 4.1 describes the actions WVU will carry out to implement its Construction Site Runoff Control Program.

Table 4.1 Construction Site Run-Off Control BMPs.

ID #	BMP (section references point to §Part II.C.7.d of the General Permit)	Measurable Goals and Milestones	Months After SWMP Approval
4-1	Authority and Procedures. Revise the Plan of Action for SWPPP with erosion and sediment controls.	Update the Plan of Action for Construction Site Runoff Control to be consistent with the new WVDEP DWWM NPDES general permit requirements for Stormwater Associated with construction Activities. Review the Plan of Action and update as necessary. <i>Milestone – Update WVU’s Plan of Action that defines Construction Site Runoff Control Program procedures for projects disturbing less than one acre.</i>	6 Annually 3
4-2	Staff Training. Train staff, contractors and other employees on the impacts of construction site runoff (BMP1-1).	Provide refreshers training. <i>Milestone – Obtain and compile training materials to use for training staff about construction site runoff.</i> <i>Milestone - Identify the staff and their roles for participating in the construction site runoff control program.</i> Update a schedule for providing initial and refresher training.	Annually 3 4 6
4-3	Contracts. Prepare language for the procurement process that describe contractor stormwater management responsibilities SRA §18.o.	Revise language that specifies contractor responsibilities for proper management of construction site runoff. <i>Milestone – Identify sections of the procurement process or contracts that could provide enforcement against contractors or developers for improper management of stormwater runoff and sources of pollutants from construction sites.</i>	12 9

MCM Components

Part II.C.7.d.4

18.j. Do you have an Ordinance to control construction site run-off?

No, as a non-municipal MS4, WVU's Design Guidelines and Construction Standards are WVU's alternative to an Ordinance.

http://facilitiesmanagement.wvu.edu/design_construction2/construction_services/design_and_construction_standards/design_guidelines_and_construction_standards

Part II.C.7.d.5

18.k. Does your program regulate disturbance of one acre or more and also less than one acre if part of a larger common plan? Does your Ordinance regulate disturbances of less than one acre? If so, what is the size threshold?

Yes, WVU's program regulates disturbance activities of one acre or more and also less than one acre if part of a larger common plan. Yes, WVU regulates disturbance activities of less than one acre, the threshold is 3,000 SF. Below is a description of how WVU's Design Guidelines and Construction Standards reference the authority of WVDEP over construction site runoff plan review, inspection, and enforcement.

Section 334100 – Stormwater Management of the WVU Design Guidelines and Construction Standards includes the following two statements:

1.5. Construction Stormwater General Permit Application

A. The WVDEP has developed and issued a General WV/NPDES Water Pollution Control Permit to regulate sediment laden stormwater flowing into the waters of the State from discharges associated with construction activities. General Permit No. WV0115924 was issued on December 5, 2012, became effective on January 4, 2013. This permit will expire on January 3, 2018, at which time the DEP will reissue the permit.

B. Projects which that will disturb at least one (1) acre and less than three (3) acres shall submit a Notice of Intent (NOI) to the West Virginia Department of Environmental Protection (WVDEP), Division of Water Resources at least fifteen (15) days prior to commencing the operation.

C. Projects which that will disturb three (3) acres or greater area shall submit a site registration application to the West Virginia Department of Environmental Protection (WVDEP), Division of Water Resources sixty (60) days prior to commencing the operation.

D. All permit applications shall be submitted to WVDEP through the electronic submission system (epermitting).

1.6. Construction Stormwater General Permit Modification

A. Any permittee wishing to modify their coverage under this permit shall submit such request at least forty-five (45) days prior to the commencement of the proposed action for modification if no public notice period is required. A modification that requires a public notice period must be submitted at least ninety (90) days prior to construction to allow for public notice procedure.

WVU's Plan of Action defines the plan review, permitting, inspection, run-off control measures, and enforcement responsibilities of the WVDEP.

WVU will continue to modifying the Plan of Action for plan review and inspection of construction disturbances of less than one acre. WVU will implement an internal process for

projects greater than 1,000 square feet but less than 1 acre.

Tip: The nine required components your ordinance must address include: Sediment and erosion control BMPs; requirements for construction site operators to actually implement these BMPs and to control waste; demonstration of appropriate NPDES registration; authority for site plan review; authority for public input; authority for site inspections and enforcement; adequate funding for inspections and enforcement; and training for construction site operators.

Part II.C.7.d.4

18.l. Does your Ordinance contain the nine required components?

No, See SRA §18.j. The Plan of Action contains all the required components of the general permit.

Part II.C.7.d.9

18.m. Describe the plan review process for your construction site run off program.

WVU EHS receives and reviews E&S plans. Upon review, WVU EHS submits a NOI to DEP for earth disturbance one acre or greater and a SRA to DEP for earth disturbance three acres or greater. WVU also relays E&S plans to MUB.

18.n. Describe the inspection process of your construction site run off program.

WVU EHS conducts inspections audits for each construction project to ensure all projects with a WVDEP NPDES Construction Stormwater (CSW) general permit are in compliance. This includes implementation of approved erosion and sediment control plans. WVU will begin revising the Construction Site Run-off Control Plan of Action to include an inspection process for projects greater than 1,000 square feet but less than 1.

18.o. Describe the enforcement process of your construction site run off program.

As a non- municipal MS4, WVU currently does not have the authority to develop, enact or enforce a construction site runoff ordinance. WVU requires that contractors apply all E&S controls associated with the SWPPP. WVU inspects, and provided written reports documenting any deficiencies observed to the project manager, who could enforce monitory deductions in payments. The contractors is responsible for installing and maintained all E&S controls along with weekly inspections.

Part II.C.7.d.8

18.p. Discuss how your program will address the regulation of both private and public sector construction site run-off.

WVU does not have jurisdiction of private or public construction sites outside of the MS4. For WVU owned and operated (private) construction sites, or Private Public Partnership (PPP), WVU will inspect and hold the contractor to the standards set forth in the WVDEP Construction Stormwater (CSW) general permit and the WVU CSW plan of action.

Schedule

Part II.C.7.d.4

18.q. The Ordinance shall be reviewed on an annual basis. Describe your Ordinance review and update procedures.

See Table 4.1.

18.r. If your Ordinance does not contain the standards required by the permit, provide a schedule for implementation and measureable goals for getting these components into your Ordinance. Include a mid-point and full implementation date.

See Table 4.1

Tip: The components of your construction site runoff control program must include:

- Plan review and approval process for new development and redevelopment projects
- Inspection protocol
- Development of enforcement strategy
- Education and training for construction site operators
- Development of an application process.
- Record keeping for approved projects, inspections, and enforcement.

Measurable Goals

Part II.C.7.d

18.s. List and fully describe your measurable goal(s) for this minimum control measure.

See Table 4.1

Tracking

Part II.B.7.

18.t. Describe your plan for tracking activities associated with this minimum control measure.

See SRA §15.p and SRA §18.o

Evaluation

Part II.B.7

18.u. Explain how you plan to gauge the effectiveness of your Construction Site Run-off Control program.

WVU will continue to review and update the Construction Site Run-off Control Program as needed. The Construction Site Run-off Control Program will compare results to the measurable goals listed in Table 4.1 and will gauge effectiveness of the program using one or more of the following methods, but not limited to:

- Timeliness of plan review, submittal to WVDEP and permit approval.
- Timeliness in completion and stabilization of a project related to closing of the permit.
- Evaluation of inspections to document improvement or deficiencies in maintenance.
- Amount of inspections conducted related to the number of complaints reported.