

MCM4: Construction Site Runoff Control

Purpose and Scope

Sediment is the primary pollutant of concern associated with construction site stormwater runoff. Sediment-polluted stormwater can cause physical, chemical, and biological damage to waterways. The goal of the Construction Site Runoff Control MCM is to protect our waterways from stormwater-related pollution that can result from construction activities.

Requirements

BMP#1

- Develop a written construction site stormwater runoff control program.
 - The purpose is to establish clear roles and responsibilities for this MCM, outlining the procedures necessary for compliance.
 - The program must include construction stormwater permitting, construction inspection, and enforcement of installation and maintenance of erosion and sediment (E&S) controls.
 - A simple tracking system for active construction sites, inspections, enforcement actions, and other activities related to this MCM can simplify the reporting process while ensuring that all applicable activities are being managed.

BMP#2

- Write, adopt and enforce an ordinance that requires the implementation of erosion and sediment (E&S) control BMPs, as well as sanctions to ensure compliance.

BMP#3

- Develop and implement requirements for site operators to control waste at the construction site that may cause adverse impacts to water quality.
 - Sediment is the primary pollutant of concern for MCM 4; however, other pollutants associated with construction are also important and should be addressed.

BMP#4

- Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public regarding local construction activities.
 - The permittee should demonstrate acknowledgement and consideration of the information submitted.
 - Permittees should establish and implement a tracking system to keep a record of any submitted public information as well as response, actions, and results.
 - If you have TMDL responsibilities, you may choose to regulate disturbances less than one acre and take credit for BMPs serving this purpose. This should be included in your ordinance.

Since West Chester University is not a municipality, this program has been tailored to best meet the University's needs.

Procedures

Following Local Ordinances and Regulations

West Chester University (WCU) follows the ordinances of West Chester Borough, East Bradford Township, West Goshen Township, and Chester County. Stormwater Management Ordinances were adopted by the municipality where WCU resides.

Contract Provisions

West Chester University engages consultants who help develop stormwater management reports for specific projects. These stormwater recommendations are placed into contractual agreements for the work being done.

As part of the Land Development process for project approvals at the municipal level, the university engages consultants to prepare a stormwater management report for each project which defines pre-construction, construction, post constructions, and the recommended designs to conform to the municipal county and states ordinances and regulations. These reports are incorporated into the contract with each prime contractor responsible for the work.

Project Inspections

The University periodically inspects its improvements for compliance in conjunction with municipal engineers. On approved capital projects, agreements are implemented with local municipalities to ensure post construction inspection and upkeep.

Providing Education for Developers

West Chester University will provide information emphasizing the importance of stormwater management to developers. Signage explaining the importance of the Erosion and Sediment Control Plans are placed at each worksite.

Control Construction Site Waste

The University has standard contractual language requiring construction site operators to control waste. Standard contractual language in contracts requiring construction site operators to control waste such as discarded building materials, trucks without liter, chemicals, sanitary waste, and using environmentally sound (i.e. recycling) method. Periodic site visits are conducted by University, municipal, county and state employees to confirm contractor's compliance with earth moving activities, plans, and permits.

Review Public Concerns

Facilities Design and Construction, Public Safety, and the Environmental Health and Safety (EHS) offices are all available for employees, students, and visitors to register a complaint. The university's EHS department has a link on its webpage to "Report a Concern" and emergency contact information. Public Safety and Facilities Design and Construction also provide emergency contact information on their webpage.

EHS utilizes SharePoint to keep a record of any submitted public information as well as response, actions, and results.

Contact:

For additional information, contact Environmental Health and Safety:

- Email: ehs@wcupa.edu
- Office: 610-436-3333

10/24/2024