



Takoma Park/Silver Spring Campus

Catherine and Isiah Leggett Math and Science Building

Environmental Site Design/Stormwater Management

Our Commitment

Montgomery College is committed to sustainable practices and appropriate measures to limit the environmental impacts of construction—including trees, water and soil erosion.

Overview

Montgomery College is committed to sustainable practices to protect the environment and enhance the quality of life for our students, employees and our county through prudent, modern environmental site design and management of water on our campuses. Across campus, the College has demonstrated this commitment by reducing stormwater runoff and pollution following non-structural best management practices for environmental site design to the maximum extent practicable. Each of the college's construction projects feature rain gardens, bioswales, and micro-bioretenion facilities which are functional landscaping features that filter rainwater and improve water quality. Most recent, the Pavilion Three (P3) renovation project on the Takoma Park/Silver Spring Campus installed a micro-bioretenion facility in the rear yard which manages and treats stormwater as it naturally flows downhill from Chicago Avenue to Takoma Avenue. This facility has resulted in a marked improvement to the condition of the properties downstream. The Catherine and Isiah Leggett Math and Science Building project will feature similar facilities which will reduce pollution and stormwater runoff toward Takoma Avenue.

State and County Requirements

- The Federal Clean Water Act establishes the National Pollutant Discharge Elimination System (NPDES) permit program
 - Runoff transported by Municipal Separate Storm Sewer Systems are issued a “MS4” permit
- Maryland Department of the Environment (MDE), Water Management Administration, Maryland Stormwater Design Manual , Volumes I and II (October 2000, Revised May 2009)

Title 4, Subtitle 2 of the Environment Article of Annotated Code of Maryland states that “...the management of stormwater runoff is necessary to reduce stream channel erosion, pollution, siltation and sedimentation, and local flooding, all of which have adverse impacts on the water and land resources of Maryland.”

- Maryland Department of the Environment (MDE), Water Management Administration, 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control

Provides guidance for applicants, designers, plan reviewers, developers, contractors, and inspectors to control sediment-laden runoff from construction sites and ensure the protection of Maryland's streams, rivers, and the Atlantic Coastal and Chesapeake Bays.

- Montgomery County Department of Environmental Protection (MCDEP), Code of County Regulations (COMCOR) Article 2, Chapter 19 Erosion, Sediment Control and Stormwater Management

- City of Takoma Park Municipal Code Title 16 Stormwater Management

16.12.010 Applicability of Montgomery County Code, Chapter 19 in the City of Takoma Park

A. Montgomery County Code, Chapter 19, Erosion, Sediment Control, and Stormwater Management, Article I, Erosion and Sediment Control, Article III, Floodplain District Requirements, Article IV, Water Quality Control, and Article VI, General, shall apply in the City of Takoma Park, except that Section 19-71, Tree Protection, of Article VI, shall not apply.

B. Montgomery County Code, Chapter 19 (Erosion, Sediment Control, and Stormwater Management), Article II (Stormwater Management) does not apply in the City of Takoma Park and no authority is granted to Montgomery County by this chapter over stormwater management in the City.

C. Montgomery County Code, Chapter 19 (Erosion, Sediment Control, and Stormwater Management), Article V (Water Quality Review in Special Protection Areas) applies only to geographic areas which have been designated by the County Council as a “special protection area.” As there are no special protection areas in the City, Chapter 19, Article V does not apply in the City of Takoma Park and the City exempts itself from its provisions. (Ord. 2014-4 § 2 (part), 2014/Ord. 2006-30 § 1, 2006)

Compliance

Stormwater Management Concept Plan. The College’s plan has been tentatively approved by the City of Takoma Park pending additional work by the College. The College submitted a stormwater management concept plan as required in December, 2018. The city engineer has met multiple times with the civil engineer from A. Morton Thomas, the College’s contractor. The city engineer tentatively approved the stormwater management concept plan SWC 19-12-18 on February 12, 2019. The Concept Approval application and response package were submitted on April 3, 2019. The city engineer responded on May 14, 2019 with additional conditions which are currently being addressed.

Stormwater Management Final The agency having jurisdiction (AHJ) is the City of Takoma Park. Final Stormwater Management Plans will be submitted to the City for technical approval and permit issuance as the project is further developed. The design will remain in close step with that which was approved as part of the Stormwater Concept Plan, and meeting the additional conditions and requirements set forth by the City.

Sediment and Erosion Control The agency having jurisdiction is the Montgomery County Department of Permitting Services (DPS). The college will submit engineered soil erosion and sediment control plans to MCDPS for technical review as the project is further developed. The erosion control design will be prepared in accordance with DPS and MDE regulations.

Contractors are committed too

The contractors hired to demolish the Falcon Hall and Science South buildings and construct the new Catherine and Isiah Leggett Math and Science Building are required per the terms of the companies’ contracts with the College to adhere to the approved Sediment and Erosion Control, Stormwater Management Plans and Tree Protection Plans