



UNIVERSITY
of VIRGINIA

University of Virginia
Municipal Separate Storm Sewer System (MS4) Annual
Report

VAR040073

Reporting Period:
July 1, 2025 - June 30, 2026

Prepared by:

Environmental Resources

University of Virginia

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Introduction

The MS4 Program Plan is a planning document to aid UVA staff in management of UVA's MS4 program. Revisions to the anticipated BMPs described in this MS4 Program Plan are expected throughout the life of this permit as part of the iterative process to reduce pollutant loading and protect water quality to the maximum extent practical. Each MCM will be reviewed and evaluated annually for effectiveness to determine whether or not changes to the MS4 Program Plan are necessary. Revisions required as a result of the iterative process or through evaluation of program effectiveness will be noted during the annual reporting process and appropriate updates will be made to the MS4 Program Plan. Internal documents, policies, and SOPs referenced in the Program Plan are intended to provide guidance and UVA reserves the right to change these documents at any time and in any manner. The MS4 General Permit requires these documents to be in place and the presence of the documents, not the details of their content, are the enforceable requirement of the permit.

Revisions to the MS4 Program Plan or referenced documents will be made within 60 days upon discovery of the need for a change unless otherwise specified in the permit language. All BMPs and strategies are being implemented with consideration for the Chesapeake Bay and Local TMDLs and to support developing action plans to address such TMDLs in accordance with MS4 regulatory requirements. The Chesapeake Bay TMDL Action Plan and associated annual reports are maintained separately from this document and the associated annual reports.

Unless otherwise stated, all requirements of Part III DEQ BMP Warehouse Reporting are being followed as described in the general permit. Unless otherwise stated, no monitoring data is collected for the MS4 program.

Any documents noted as available upon request may be requested by emailing [Environmental Resources](#). In some cases, documents that are required to be posted do not fully meet website accessibility guidelines due to the presence of complex tables,

maps, or the necessary inclusion of attachments created by others. In these instances, either a modified version of the document is posted on the website or information on how the full document can be obtained is available on the website.

All information in this document was accurate as of June 30, 2026.

Only regulatory requirements applicable to UVA, a nontraditional State agency with standards and specifications, are cited in the Minimum Control Measure sections.

Acronyms Applicable Throughout Document

A - UVA Athletics Department

S&S - Standards and Specifications

BMP - Best Management Practice

E&SC - Erosion and Sediment Control

EHS - UVA Office of Environmental Health and Safety

ER - UVA Environmental Resources

FM - UVA Facilities Management

IDDE - Illicit Discharge Detection and Elimination

OUBO - UVA Office of the University Building Official

PD - UVA Police Department

RSEP - Rivanna Stormwater Education Partnership

SOP - Standard Operating Procedure

SWM - Stormwater Management

SWPPP – Stormwater Pollution Prevention Plan

Document Certification

Facility Name: University of Virginia

Facility Location: Charlottesville, Virginia

Permit Number: VAR040073

Type of Submittal: Annual MS4 Report

Certification: 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.

Name of Responsible Official (Print): Donald E. Sundgren

Title: Vice President and Chief Facilities Officer

A signed copy can be obtained by emailing storm-water@virginia.edu

Signature: _____ Date: _____

Minimum Control Measure 1: Public Education and Outreach

MCM 1. a. (1)-(3)

Regulatory Citation: 1. a.:

The permittee shall implement a public education and outreach program designed to: **(1)** Increase the public's knowledge of how to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns; **(2)** Increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications; and **(3)** Implement a diverse program with strategies that are targeted toward individuals or groups most likely to have significant stormwater impacts.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

The Rivanna Stormwater Education Partnership (RSEP) was founded in 2003 to provide a regional approach to educating the public about stormwater pollution prevention and stormwater management. UVA will continue to participate in RSEP. Cost and resource sharing allows RSEP members to participate in a more effective and robust approach to public outreach and education. RSEP has developed a Public Outreach and Education Plan which includes all required items listed in 1.f. The Plan will be updated during the permit cycle as needed to respond to newly identified issues or strategies or if changes are deemed necessary to improve effectiveness.

Measurable Goal:

RSEP will meet at least 6 times per year and maintain a website with information about stormwater pollution prevention and management. RSEP will continue to provide general education to the public on the listed topics as described in the RSEP Outreach and Education Plan.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[RSEP website](#), [UVA public education and outreach website](#), [RSEP's Outreach and Education Plan with UVA specific addendum](#)

1. a. Annual Report Update:

RSEP met 10 times during the reporting year. The RSEP website does not contain MS4 permit related information but specifically focuses on outreach and education as a resource to the local community, such as the [Love Your Watershed campaign](#). RSEP's website also contains a link to a [Story Map](#), which explains how watersheds work and ways to keep them pollution free.

MCM 1. b.**Regulatory Citation 1. b.:**

The permittee shall identify no fewer than three high-priority stormwater issues to meet the goal of educating the public in accordance with Part I E 1 a. High-priority issues may include the following examples: Chesapeake Bay nutrients, pet wastes, local receiving water impairments, TMDLs, high-quality receiving waters, litter control, BMP maintenance, anti-icing and deicing agent application, planned green infrastructure redevelopment, planned ecosystem restoration projects, and illicit discharges from commercial sites.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Three high-priority stormwater issues that are of greatest concern to the local community were identified as part of the RSEP Outreach and Education Plan development. These issues are: runoff volume reductions, potential runoff pollutants, and TMDL impairments as the three high-priority stormwater issues. The rationale for choosing these issues is described within the RSEP Outreach and Education Plan. In addition to participation in RSEP campaigns, UVA plans to undertake efforts to specifically target the University student population.

Measurable Goal:

Number of stormwater education and outreach campaigns undertaken annually which target the identified high-priority water quality issues. Campaigns will be tracked and included as Appendix A for the MS4 annual report for the appropriate year.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[RSEP website](#), [UVA public education and outreach website](#), [RSEP's Outreach and Education Plan with UVA specific addendum](#)

1.b. Annual Report Update:

During the reporting period, there were no changes in high-priority stormwater issues. [The RSEP Outreach and Education Plan](#) with a UVA Addendum is available on the Outreach and Education page UVA's MS4 website. The list of outreach and education campaigns undertaken during the reporting cycle is included in Appendix A. RSEP has also collaborated on outreach efforts with other local groups such as the Piedmont Master Gardeners and Rivanna Conservation Alliance to try to expand the reach of planned campaigns. Stickers with the "[Love Your Watershed](#)" logo are a popular giveaway at events.

MCM 1. c. (1)-(4)

Regulatory Citation 1. c.:

The high-priority public education and outreach program, as a whole, shall: **(1)** Clearly identify the high-priority stormwater issues; **(2)** Explain the importance of the high-priority stormwater issues; **(3)** Include measures or actions the public can take to minimize the impact of the high-priority stormwater issues; and **(4)** Provide a contact and telephone number, website, or location where the public can find out more information.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

The RSEP Outreach and Education Plan, as described in 1.a., includes the specific information requested in 1.c (1)-(4) to ensure the program meets the stated requirements.

Measurable Goal:

Number of educational efforts undertaken annually.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[RSEP website](#), [UVA public education and outreach website](#), [RSEP's Outreach and Education Plan with UVA specific addendum](#)

1.c. Annual Report Update:

[The RSEP Outreach and Education Plan with a UVA Addendum](#) is available on the Outreach and Education page UVA's MS4 website. The list of outreach and education campaigns undertaken during the reporting cycle is included in Appendix A.

MCM 1. d.**Regulatory Citation 1. d.:**

The permittee shall use two or more of the strategies listed in Table 1 per year to communicate to the target audience the high-priority stormwater issues identified in accordance with Part I E 1 b, including how to reduce stormwater pollution. Table 1 strategies, which are provided as examples and are not meant to be all inclusive or limiting, include traditional written materials, alternative materials, signage, media materials, speaking engagements, curriculum materials, training materials, public education activities, and public meetings.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

RSEP's Outreach and Education Plan provides specifics on planned strategies to be used.

Measurable Goal:

Utilize two or more strategies annually to communicate high-priority stormwater issues either through RSEP or at UVA individually.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[RSEP website](#), [UVA public education and outreach website](#), [RSEP's Outreach and Education Plan with UVA specific addendum](#)

1.d. Annual Report Update:

During the reporting period, there were no changes in the strategies used to communicate high-priority stormwater issues or target audiences for the public education and outreach plan. UVA utilized more than two strategies during the reporting cycle as required. The list

of outreach and education campaigns undertaken during the reporting cycle is included in Appendix A.

MCM 1. e.

Regulatory Citation 1. e.:

The permittee may coordinate its public education and outreach efforts with other MS4 permittees; however, each permittee shall be individually responsible for meeting all of its state permit requirements.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA partners with other RSEP members, including Albemarle County and the City of Charlottesville, on its public education and outreach strategy. However, each permittee reports compliance with the permit requirements individually in their annual report. In addition, UVA may undertake additional public outreach and education measures beyond those planned with RSEP.

Measurable Goal:

Compliance with state permit requirements.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[RSEP website](#), [UVA public education and outreach website](#), [RSEP's Outreach and Education Plan with UVA specific addendum](#)

1.e. Annual Report Update:

The education and outreach activities listed in Appendix A indicate whether efforts were undertaken by RSEP or UVA.

MCM 1. f.

Regulatory Citation 1. f.:

The MS4 program plan shall include: **(1)** A list of the high-priority stormwater issues the permittee will communicate to the public as part of the public education and outreach program; **(2)** The rationale for selection of each high-priority stormwater issue and an explanation of how each education or outreach strategy is intended to have a positive impact on stormwater discharges; **(3)** Identification of the target audience to receive each high-priority stormwater message; **(4)** Nontraditional permittees may identify staff, students, members of the general public, and other users of facilities operated by the permittee as the target audience for education and outreach strategies; **(6)** Staff training required in accordance with Part I E 6 d does not qualify as a strategy for public education and outreach; **(7)** The strategies from Table 1 of Part I E 1 d to be used to communicate each high-priority stormwater message; and **(8)** The anticipated time periods the messages will be communicated or made available to the public.

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Compliance with the requirements of MCM 1. f. are incorporated into the program plan requirements for MCMs 1. a – e.

1.f. Annual Report Update:

The MS4 program plan includes the required information and can be viewed on the [Environmental Resources MS4 website](#).

Minimum Control Measure 2: Public Involvement and Participation

MCM 2. a. (1)-(4)

Regulatory Citation: 2. a.:

The permittee shall develop and implement procedures for the following: **(1)** The public to report potential illicit discharges, improper disposal, or spills to the MS4, complaints regarding land disturbing activities, or other potential stormwater pollution concerns; **(2)** The public to provide comments on the permittee's MS4 program plan; **(3)** Responding to public comments received on the MS4 program plan; and **(4)** Maintaining documentation of public comments received on the MS4 program and associated MS4 program plan and the permittee's response.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

The public can report potential illicit discharges, spills or other concerns via the RSEP or UVA website. The public can provide input about UVA's MS4 program and program plan via the UVA website. UVA has developed procedures to receive, respond to, and maintain documentation of public comments and the associated response. Input received about the MS4 program will be provided with the appropriate annual report. Reported spills and illicit discharges will be tracked as described in 3.c.

Measurable Goal:

The public can easily find reporting information on UVA's MS4 program, illicit discharges or spills on the UVA website. The public can also easily report illicit discharge or spill information via the RSEP website. Both websites are regularly maintained.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[UVA stormwater management website](#), [RSEP website](#)

2.a. Annual Report Update:

Both reporting websites were available during the reporting period. Eleven discharge reports came in through the RSEP website, but none were within UVA's jurisdiction. No reports of a concern came in via the email address storm-water@virginia.edu, which is posted on the UVA website as a means of reporting environmental concerns. Most reports came directly to ER or FM staff, often by other FM staff who had been trained in spill response. No public input on the MS4 Program was received during the reporting period.

MCM 2. b. (1)-(7)**Regulatory Citation: 2. b.:**

No later than three months after this permit's effective date, the existing permittee shall update and maintain the webpage dedicated to the MS4 program and stormwater pollution prevention. The following information shall be posted on this webpage: **(1)** The effective MS4 permit and coverage letter; **(2)** The most current MS4 program plan or location where the MS4 program plan can be obtained; **(3)** The annual report for each year of the term covered by this permit no later than 30 days after submittal to the department; **(4)** For permittees whose regulated MS4 is located partially or entirely in the Chesapeake Bay watershed, the most current Chesapeake Bay TMDL action plan or location where the Chesapeake Bay TMDL action plan can be obtained; **(5)** For permittees whose regulated MS4 is located partially or entirely in the Chesapeake Bay watershed, the Chesapeake Bay TMDL implementation annual status reports for each year of the term covered by this permit no later than 30 days after submittal to the department; **(6)** A mechanism for the public to report potential illicit discharges, improper disposal, or spills to the MS4, complaints regarding land disturbing activities, or other potential stormwater pollution concerns in accordance with Part I E 2 a (1); **(7)** Methods for how the public can provide comments on the permittee's MS4 program plan in accordance with Part I E 2 a (2) and if applicable, the Chesapeake Bay TMDL action plan in accordance with Part II A 13;

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

All required MS4 permit-related documentation and information described in 2.b. is available on the [UVA stormwater website](#). In instances where the documents do not meet website accessibility guidelines, information on how the documents can be obtained is available on the website.

Measurable Goal:

Copies of the required plans and annual reports are kept up-to-date and are readily available to the public or information on how the public can obtain the documents is available on the websites listed. Any documents will be posted within 30 days of submittal or completion. The public can easily find reporting information on UVA's MS4 program, illicit discharges or spills on the UVA website.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[UVA MS4 Permit website](#). Reports or comments can be submitted using the link provided on the [main UVA stormwater website](#).

2.b. Annual Report Update:

UVA's website was updated by the required deadline and is kept up to date with the required documentation. The website was maintained with mechanisms for public reports, complaints, or concerns. No reports from the public were received during the reporting period as described in 2.a. In instances where the documents do not meet website accessibility guidelines, information on how the documents can be obtained is available on the website

MCM 2. d.**Regulatory Citation: 2. d.:**

Nontraditional permittees shall implement, promote, participate in, or coordinate on no fewer than four activities per year from two or more of the categories listed in Table 2 to provide an opportunity for public involvement to improve water quality and support local restoration and clean-up projects. Table 2 activities, which are provided as examples and are not meant to be all inclusive or limiting, include monitoring, restoration, public education activities, public meetings, disposal or collection events, and pollution prevention.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA is a nontraditional permittee and will complete the requirements described in 2. d. [RSEP's Public Outreach and Education Plan](#) provides specifics on planned strategies to be used.

Measurable Goal:

Implement, promote, participate in, or coordinate on no fewer than four activities per year either through RSEP or at UVA individually.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[RSEP website](#), [UVA public education and outreach website](#), [RSEP's Outreach and Education Plan with UVA specific addendum](#)

2.d. Annual Report Update:

UVA implemented, promoted, participated in or coordinated on no fewer than four activities from two or more categories as required. The list of public involvement and

participation activities undertaken during the reporting period are included in Appendix A. Unless otherwise noted, all efforts listed were intended to engage with everyone within the local population.

MCM 2. e.

Regulatory Citation: 2. e.:

The permittee may coordinate the public involvement opportunities listed in Table 2 with other MS4 permittees; however, each permittee shall be individually responsible for meeting all of the permit requirements.

Responsible Departments:

ER, FM, RSEP

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA partners with other RSEP members, including Albemarle County and the City of Charlottesville, on its public involvement and participation efforts as previously described in 1. a. However, each permittee reports compliance with the permit requirements individually in their annual report. In addition, UVA may undertake additional public involvement and participation efforts beyond those planned with RSEP.

Measurable Goal:

Compliance with state permit requirements.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[UVA stormwater management website](#), [RSEP website](#), [RSEP Public Outreach and Education Plan with UVA Addendum](#)

2.e. Annual Report Update:

The education and outreach activities listed in Appendix A indicate whether efforts were undertaken by RSEP or UVA.

MCM 2. f. – g.

Regulatory Citation: 2. f.:

The permittee may include staff and students in public participation events; however, the activity cannot solely include or be limited to staff participants with stormwater, groundskeeping, and maintenance duties in order for an event to qualify as a public participation event. **2. g.** Staff training required in accordance with Part I E 6 d does not qualify as a public participation event unless the training activity solicits participation from target audiences beyond staff or contractors with stormwater, groundskeeping, and maintenance duties.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions: Historically, UVA outreach events target students, faculty, and staff. No event that is part of staff training or that specifically targets stormwater, groundskeeping, or maintenance staff will be considered a public participation event.

Measurable Goal:

Compliance with state permit requirements.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[UVA stormwater management website](#), [RSEP website](#), [RSEP Public Outreach and Education Plan with UVA Addendum](#)

2.f. and 2.g. Annual Report Update:

Neither events that were limited to staff participants with stormwater, groundskeeping, or maintenance duties nor staff training required under Part I E 6 d are included in the activities listed in Appendix A.

MCM 2. h.

Regulatory Citation 2. h.:

The MS4 program plan shall include: **(1)** The webpage address where mechanisms for the public to report **(i)** potential illicit discharges, improper disposal, or spills to the MS4, **(ii)** complaints regarding land disturbing activities, or **(iii)** other potential stormwater pollution concerns; **(2)** The webpage address that contains the methods for how the public can provide input on the permittee's MS4 program; and **(3)** A description of the public involvement activities to be implemented by the permittee, the anticipated time period the activities will occur, and a metric for each activity to determine if the activity is beneficial to water quality. An example of metrics may include the weight of trash collected from a stream cleanup or the number of participants in a hazardous waste collection event.

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Compliance with the requirements of MCM 2. h. are incorporated into the program plan requirements for MCMs 2. a – g.

2.h. Annual Report Update:

The MS4 program plan includes the required information and can be viewed on [the UVA MS4 website](#).

Minimum Control Measure 3: Illicit Discharge Detection and Elimination

MCM 3. a. (1)-(2)

Regulatory Citation: 3. a.:

The permittee shall develop and maintain an accurate MS4 map and information table as follows: **(1)** An updated map of the MS4 owned or operated by the permittee within the MS4 regulated service area no later than 24 months after the permit effective date that includes, at a minimum: **(a)** MS4 outfalls discharging to surface waters, except as follows: **(i)** In cases where the outfall is located outside of the MS4 permittee's legal responsibility, the permittee may elect to map the known point of discharge location closest to the actual outfall; and **(ii)** In cases where the MS4 outfall discharges to receiving water channelized underground, the permittee may elect to map the point downstream at which the receiving water emerges above ground as an outfall discharge location. If there are multiple outfalls discharging to an underground channelized receiving water, the map shall identify that an outfall discharge location represents more than one outfall. This is an option a permittee may choose to use and recognizes the difficulties in accessing outfalls to underground channelized stream conveyances for purposes of mapping, screening, or monitoring; **(b)** A unique identifier for each mapped item required in Part I E 3; **(c)** The name and location of receiving waters to which the MS4 outfall or point of discharge discharges; **(d)** MS4 regulated service area; and **(e)** Stormwater management facilities owned or operated by the permittee. **(2):** The permittee shall maintain an outfall information table associated with the MS4 map that includes the following information for each outfall or point of discharge for those cases in which the permittee elects to map the known point of discharge in accordance with Part I E 3 a (1) (a). The outfall information table may be maintained as a shapefile attribute table. The outfall information table shall contain the following: **(a)** A unique identifier as specified on the MS4 map; **(b)** The latitude and longitude of the outfall or point of discharge; **(c)** The estimated regulated acreage draining to the outfall or point of discharge; **(d)** The name of the receiving water; **(e)** The 6th Order

Hydrologic Unit Code of the receiving water; **(f)** An indication as to whether the receiving water is listed as impaired in the Virginia 2022 305(b)/303(d) Water Quality Assessment Integrated Report; and **(g)** The name of any EPA approved TMDLs for which the permittee is assigned a wasteload allocation.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

GIS technology is used to accurately map all stormwater discharge outfall locations and associated required information. All stormwater outfalls or points of discharge have been identified for annual inspection and illicit discharge tracking. The associated outfall information table contains all of the required information. Maps and the associated outfall information table are updated as outfall locations change due to construction projects. The map will be maintained and updated as soon as possible after changes occur but no later than October 1 of each year for changes occurring through June 30 of that same year.

Measurable Goal:

Accurate, up-to-date inventory of UVA's storm sewer system, including all outfalls, points of discharge, and the associated information table.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A GIS map and associated information table is stored on a secure UVA site and may be made available upon request.

3.a. (1)-(2) Annual Report Update:

UVA's MS4 map and information table is maintained with all the required information and is updated by October 1 for any changes in the preceding reporting year. UVA updates the GIS map with proposed changes during the project planning stages, which allows the final updates to be easily made once items are installed. In addition, the map is updated based

on field observations and new survey technology as needed. The MS4 map is available upon request. UVA's GIS database includes an accurate, up-to-date map and table with all required information for identified outfalls and points of discharge. The outfall information table is available upon request.

MCM 3. a. (3)-(4)**Regulatory Citation: 3. a. (3):**

No later than 24 months after permit issuance, the permittee shall submit to DEQ, a format file geodatabase or two shapefiles that contain at a minimum: **(a)** A point feature class or shapefile for outfalls with an attribute table containing outfall data elements required in accordance with Part I E 3 a (2); and **(b)** A polygon feature class or shapefile for the MS4 service area as required in accordance with Part I E 3 a (1) (d) with an attribute table containing the following information: **(i)** MS4 operator name; **(ii)** MS4 permit number (VAR04); and **(iii)** MS4 service area total acreage rounded to the nearest hundredth. **(4):** All file geodatabase feature classes or shapefiles shall be submitted in the following data format standards: **(a)** Point data in NAD83 or WGS84 decimal degrees global positional system coordinates; **(b)** Data projected in Virginia Lambert Conformal Conic format; **(c)** Outfall location accuracy shall be represented in decimal degrees rounded to at least the fifth decimal place for latitude and longitude to ensure point location accuracy (e.g., 37.61741, -78.15279); and (d) Metadata that shall provide a description of each feature class or shapefile dataset, units of measure as applicable, coordinate system, and projection.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

As described in 3.a(1)-(2), UVA maintains an accurate GIS map and associated information table with information about UVA's storm sewer system and outfalls.

Measurable Goal:

Submittal of GIS shape file of UVA's MS4 map to DEQ by the specified deadline. This shape file was submitted to DEQ on May 28, 2024.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A GIS map and associated information table is stored on a secure UVA site and may be made available upon request.

3.a. (3)-(4) Annual Report Update:

The geodatabase containing the required information was submitted to Megan O'Gorek at DEQ VRO on 5/28/2024 and was submitted according to the required data format standards.

MCM 3. a. (5)

Regulatory Citation: 3. a. (5):

No later than October 1 of each year, the permittee shall update the MS4 map and outfall information table to include any new outfalls constructed or TMDLs approved or both during the immediately preceding reporting period.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

As described in 3.a(1)-(2), UVA maintains an accurate GIS map and associated information table with information about UVA's storm sewer system, outfalls, and TMDLs. These are updated as changes are made but, at minimum, will be updated no later than October 1 annually.

Measurable Goal:

Accurate, up-to-date inventory of UVA's storm sewer system, updated by the specified deadline.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A GIS map and associated information table is stored on a secure UVA site and may be made available upon request.

3.a. (5) Annual Report Update:

UVA's MS4 map and outfall information table is updated by October 1 annually to include any new outfalls constructed or TMDLs approved or both during the immediate preceding reporting period. The James River PCB TMDL was approved by EPA on December 18, 2025 and was added to the outfall information table. No outfalls were added or removed during the reporting period.

MCM 3. a. (6)

Regulatory Citation: 3. a. (6):

The permittee shall provide written notification to any downstream adjacent MS4 of any known physical interconnection established or discovered after the effective date of this permit.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Under previous MS4 permits, UVA provided written notification to the City of Charlottesville regarding physical interconnections to their MS4. Letters were also sent to Albemarle County and VDOT, though no physical interconnections have been identified to date. UVA will continue to maintain an up-to-date GIS map to identify any new physical interconnections that may be made in the future.

Measurable Goal:

Neighboring MS4s are informed of physical interconnections with UVA.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Copies of any new notification letters will be maintained and copies of all written notifications are available upon request.

3.a. (6) Annual Report Update:

Copies of previously submitted notification letters are maintained on UVA servers and are available upon request. No new physical interconnections were established or discovered during the reporting period, so no new notifications were made.

MCM 3. b.**Regulatory Citation: 3. b.:**

The permittee shall prohibit, through ordinance, policy, standard operating procedures, or other legal mechanism, to the extent allowable under federal, state, or local law, regulations, or ordinances, unauthorized nonstormwater discharges into the MS4.

Nonstormwater discharges or flows identified in 9VAC25-890-20 D 3 shall only be addressed if they are identified by the permittee as a significant contributor of pollutants discharging to the MS4. Flows that have been identified by the department as de minimis discharges are not significant sources of pollutants to surface water.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has a policy specifically stating the University will prevent University activities from polluting the environment. UVA also has developed a policy for responding to illicit discharges and several SOPs were developed to attempt to prevent illicit discharges.

Measurable Goal:

Review the relevant policy and SOPs periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[UVA's environmental policy](#), [UVA's SOP website](#)

3.b. Annual Report Update:

UVA has several SOPs related to responding to or preventing illicit discharges that are reviewed annually and updated as needed.

MCM 3. c.

Regulatory Citation: 3. c.:

The permittee shall maintain, implement, and enforce illicit discharge detection and elimination (IDDE) written procedures designed to detect, identify, and address unauthorized nonstormwater discharges, including illegal dumping, to the MS4 to effectively eliminate the unauthorized discharge. Written procedures shall include: (1) A description of the legal authorities, policies, standard operating procedures, or other legal mechanisms available to the permittee to eliminate identified sources of ongoing illicit discharges, including procedures for using legal enforcement authorities. (2) Dry weather field screening protocols to detect, identify, and eliminate illicit discharges to the MS4. The protocol shall include: (a) A prioritized schedule of field screening activities and rationale for prioritization determined by the permittee based on such criteria as age of the infrastructure, land use, historical illegal discharges, dumping, or cross connections; (b) If the total number of MS4 outfalls is equal to or less than 50, a schedule to screen all outfalls annually; (c) If the total number of MS4 outfalls is greater than 50, a schedule to screen a minimum of 50 outfalls annually such that no more than 50% are screened in the previous 12-month period. The 50% criteria is not applicable if all outfalls have been screened in the previous three years; (d) The permittee may adopt a risk-based approach to dry weather screening identifying observation points based upon illicit discharge risks upstream of an outfall. Observation points may include points of interconnection, manholes, points of discharge, conveyances, or inlets suspected to have a high likelihood of receiving illicit discharges; (e) Each observation point screened may be counted as one outfall screening activity equivalent and counted towards the requirements of Part I E 3 c (2) (b) or (2) (c); however, at least 50% of the minimum annual screening events must include outfall screening; (f) Illicit discharges reported by the public and subsequent investigations may not be counted as screening events; however once the resolution of the investigation and the date the investigation was closed has been documented, an observation point may be established for future screening events; and (g) A checklist or mechanism to track the following information for dry weather screening events: (i) The

unique identifier for the outfall or observation point; (ii) Time since the last precipitation event; (iii) The estimated quantity of the last precipitation event; (iv) Site descriptions (e.g., conveyance type and dominant watershed land uses); (v) Observed indicators of possible illicit discharge events, such as floatables, deposits, stains, and vegetative conditions (e.g., dying or dead vegetation, excessive vegetative growth); (vi) Whether or not a discharge was observed; (vii) If a discharge was observed, the estimated discharge rate and visual characteristics of the discharge (e.g., odor, color, clarity) and the physical condition of the outfall; and (viii) For observation points, the location, downstream outfall unique identifier, and risk factors or rationale for establishing the observation point. (3) A timeframe upon which to conduct an investigation to identify and locate the source of any observed unauthorized nonstormwater discharge. Priority of investigations shall be given to discharges of sanitary sewage and those believed to be a risk to human health and public safety. Discharges authorized under a separate VPDES or state permit require no further action under this permit. (4) Methodologies to determine the source of all illicit discharges. If the permittee is unable to identify the source of an illicit discharge within six months of beginning the investigation then the permittee shall document that the source remains unidentified. If the observed discharge is intermittent, the permittee shall document that attempts to observe the discharge flowing were unsuccessful. (5) Methodologies for conducting a follow-up investigation for illicit discharges that are continuous or that permittees expect to occur more frequently than a onetime discharge to verify that the discharge has been eliminated except as provided for in Part I E 3 c (4); (6) A mechanism to track all illicit discharge investigations to document the following: (a) The dates that the illicit discharge was initially observed, reported, or both; (b) The results of the investigation, including the source, if identified; (c) Any follow-up to the investigation; (d) Resolution of the investigation; and (e) The date that the investigation was closed.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed SOPs for Illicit Discharge Detection, for Sanitary Sewer Overflows, for responding to Bacteria Response related to RCA stream monitoring, for Spill Response and also for conducting dry weather screenings. These SOPs include protocols for permit requirements detailed in 3. c. Since UVA owns the majority of the property which drains to its MS4, illicit discharges on UVA property can often be eliminated by addressing the activity causing the illicit discharge. UVA will continue to follow procedures for reporting and tracking illicit discharges and procedures for enforcing policies. UVA has a written SOP for outfall inspections as well as a form used to document outfall inspections. UVA currently has more than 50 but less than 100 outfalls and plans to screen all outfalls annually. Outfalls that had problems during past inspections or that have a high potential for illicit discharges may be visited more frequently.

Measurable Goal:

Follow SOPs and document required details of spills, SSOs, and illicit discharge investigations. Number of outfalls screened annually. Number of illicit discharges caused by UVA operations.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

SOPs are available on [UVA's SOP website](#). Outfall Inspection and Bacteria Sampling Response SOPs and spreadsheet of spills, illicit discharges, and incidents that have the potential to become illicit discharges are available upon request. UVA tracks all reported and discovered illicit discharges or spills and follows up as needed to determine if activity patterns might warrant the need for a new or updated SOP.

3.c. Annual Report Update:

A list of all reportable illicit discharges caused by UVA operations during the reporting period are included in Appendix B. There were two reportable illicit discharges during the reporting period, one of which was a sanitary sewer overflow (SSO). The SSO did not reach the MS4 but all SSOs are considered reportable. 81 outfalls were screened during the reporting period. No illicit discharges were discovered during the annual outfall screening.

MCM 3. d.

Regulatory Citation: 3. d.:

The MS4 program plan shall include: **(1)** The MS4 map and outfall information table required by Part I E 3 a. The map and outfall information table may be incorporated into the MS4 program plan by reference. The map shall be made available to the department within 14 days upon request; **(2)** Copies of written notifications of physical interconnections given by the permittee to other MS4s; and **(3)** The IDDE procedures described in Part I E 3 c.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Compliance with the requirements of MCM 3. d. are incorporated into the program plan requirements for MCMs 3. a – c.

3.d. Annual Report Update:

The MS4 program plan includes the required information and can be viewed on the [UVA MS4 website](#).

Minimum Control Measure 4: Construction Site Stormwater Runoff and Erosion and Sediment Control

MCM 4. a.

Regulatory Citation: 4. a.:

The permittee shall utilize its legal authority, such as ordinances, permits, orders, specific contract language, and interjurisdictional agreements, to address discharges entering the MS4 from regulated construction site stormwater runoff. The permittee shall control construction site stormwater runoff as follows: **(3)** If the nontraditional permittee is a state agency; public institution of higher education, including community colleges, colleges, and universities; or federal entity and has developed standards and specifications in accordance with the Virginia Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq. of the Code of Virginia) and Virginia Erosion and Sediment Control Regulations (9VAC25-840), the permittee shall implement the most recent department approved standards and specifications;

Responsible Departments:

ER, FM, OUBO

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA is a state agency and public institution of higher education and has developed Standards and Specifications (S&S) for Stormwater Management (SWM) and Erosion and Sediment Control (E&SC). DEQ-approved S&S describe how UVA conducts land disturbing activities in a manner consistent with the requirements of the Virginia laws, regulations, general permits and related guidance documents. Specifically, the S&S addresses personnel certification, plan content and approval processes, inspection and enforcement procedures, reporting and recordkeeping requirements. UVA holds the contracts for all regulated land disturbing activities undertaken by UVA on UVA property and ensures the S&S are followed via routine inspections. . The University Building Official will not issue a

building permit for a project without documented approval of E&SC and SWM Plans, if applicable. UVA also maintains an associated SOP on Land Disturbing Activity which provides details regarding preparing for and conducting inspections, documenting required corrective actions, and implementing escalating levels of enforcement as needed..

Measurable Goal:

S&S, including periodic updates, approved by the department.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The latest UVA S&S for SWM and E&SC and associated approval letter from DEQ is available [on the ER website](#). Written inspection procedures for ensuring compliance with approved E&SC plans or S&S, as well as SOPs, are maintained internally and are available upon request.

4.a. Annual Report Update:

Land disturbing projects that occurred during the reporting period have been conducted in accordance with the current department-approved S&S for erosion and sediment control. UVA controls construction site stormwater runoff by implementing the most recent DEQ approved S&S, which is available, along with the approval letter, on the UVA website. During the reporting period, UVA staff completed 478 E&SC inspections. No enforcement actions were required. UVA hires the contractors and works with them directly to mitigate issues quickly so that they don't rise to the level of requiring enforcement.

MCM 4. b.

Regulatory Citation: 4 .b.:

The permittee shall require implementation of appropriate controls to prevent nonstormwater discharges to the MS4, such as wastewater, concrete washout, fuels and oils, and other illicit discharges identified during land disturbing activity inspections. The discharge of nonstormwater discharges other than those identified in 9VAC25-890-20 D through the MS4 is not authorized by this state permit.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Land disturbances over 1 acre must obtain a General VPDES Permit for Discharges of Stormwater from Construction Activities, which requires preparation of a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP requires the site contractors to identify and implement appropriate controls to prevent nonstormwater discharges. For sites that do not have SWPPPs, UVA dual SWM and E&SC inspectors inspect sites for compliance with SWPPP principles, such as use of concrete washouts, appropriate storage of fuels, etc. and include issues of non-compliance in routine E&SC inspection reports of the site. Additionally, UVA has developed specific SOPs to target waste management on construction sites to try to ensure wastes are managed properly.

Measurable Goal:

Number of inspections conducted annually.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

[UVA's website related to land disturbing activities](#), [SOP website containing Construction Waste Management SOPs](#).

4.b. Annual Report Update:

During the reporting period, UVA staff completed 48 SWPPP inspections. No enforcement actions were required. UVA hires the contractors and works with them directly to mitigate issues quickly so that they don't rise to the level of requiring enforcement.

MCM 4. c.**Regulatory Citation: 4. c.:**

Employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators shall obtain the appropriate certifications as required under the Virginia Erosion and Sediment Control Law and its attendant regulations;

Responsible Departments:

ER, OUBO

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

All UVA staff serving in E&SC related roles maintain the appropriate certifications. UVA has two employees certified as dual inspectors, two employees certified as dual combined administrators, and one employee certified as a dual plan reviewer through DEQ's program. Contractors serving as construction site operators are also verified. UVA requires a copy of the Responsible Land Disturber (RLD) certification from at least one responsible individual from each regulated land disturbing project before the site breaks ground. The RLD for the construction site is verified in the pre-construction meeting and appropriate certifications are also verified during routine SWPPP Inspections. By 7/1/25, contractors for projects over 1 acre must utilize staff that hold an unexpired DEQ certificate for inspector for both E&SC and SWM, a Construction General Permit Qualified Personnel Certificate issued by the department or VDOT, or an equivalent certification provided by EPA.

Measurable Goal:

Obtain DEQ-certifications for staff working on E&SC and SWM projects. Certification renewals are maintained at the required intervals.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Copies of certification records for UVA Staff are maintained on a UVA secure server and are available upon request.

4.c. Annual Report Update:

UVA employs two staff certified as dual combined administrators, one staff certified as a dual plan reviewer, and two staff certified as dual inspectors. Expiring certifications are renewed in a timely fashion.

MCM 4. d.

Regulatory Citation: 4 d.:

The permittee's MS4 program plan shall include: **(3)** If the permittee implements annual standards and specifications for erosion and sediment control and construction site stormwater runoff in accordance with Part I E 4 a (3): **(a)** The most recently approved standards and specifications or if incorporated by reference, the location where the standards and specifications can be viewed; and **(b)** A copy of the most recent standards and specifications approval letter from the department; **(4)** A description of the legal authorities utilized to ensure compliance with Part I E 4 a for erosion and sediment control and construction site stormwater runoff control, such as ordinances, permits, orders, specific contract language, policies, and interjurisdictional agreements; **(6)** For nontraditional permittees, erosion and sediment control plans or annual standards and specifications shall be approved by the department in accordance with § 62.1-44.15:55 of the Code of Virginia. Compliance with approved erosion and sediment control plans or annual standards and specifications shall be ensured by the permittee with written inspection procedures that at minimum include the following: **(a)** An inspection checklist for documenting onsite erosion and sediment control structures and systems are properly maintained and repaired as needed to ensure continued performance of their intended function; and **(b)** A list of all associated documents utilized for inspections, including checklists, department approved erosion and sediment control plans, or the most recently department approved annual standards and specifications, and any other documents utilized; **(8)** Nontraditional permittees shall maintain written procedures for requiring compliance with department approved erosion and sediment control plans and annual standards and specifications through corrective action or enforcement action to the extent allowable under federal, state, or local law, regulation, ordinance, or other legal mechanisms; and **(9)** The roles and responsibilities of each of the permittee's departments, divisions, or subdivisions in implementing erosion and sediment control and construction site stormwater runoff control requirements in Part I E 4.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Compliance with the requirements of MCM 4. d. are incorporated into the program plan requirements for MCMs 4. a – c.

4.d. Annual Report Update:

The MS4 program plan includes the required information and can be viewed on the [UVA MS4 website](#).

Minimum Control Measure 5: Post-Construction Stormwater Management for New Development and Development on Prior Developed Lands

MCM 5. a.

Regulatory Citation: 5. a.:

The permittee shall address post-construction stormwater runoff that enters the MS4 from the following land disturbing activities by implementing a postconstruction stormwater runoff management program as follows: **(4)** If the nontraditional permittee is a state agency; public institution of higher education, including community colleges, colleges, and universities; or federal entity and has not developed standards and specifications in accordance with the Virginia Stormwater Management Act (§ 62.1-44.15:24 et seq. of the Code of Virginia) and VSMP Regulations (9VAC25-870), the permittee shall implement the most recent department approved standards and specifications and maintain an inspection and maintenance program in accordance with Part I E 5 b; *(note: there is a typo in the regulation, as 5 a (4) says "has not developed standards" - UVA has developed standards and is implementing them as the rest of this regulatory citation requires.)*

Responsible Departments:

ER, FM, OUBO

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

As discussed in 4.a, UVA is a state agency and public institution of higher education and follows DEQ-approved S&S for SWM and E&SC for all regulated land disturbing activities undertaken by UVA on UVA property. DEQ-approved S&S describe how UVA conducts land disturbing activities in a manner consistent with the requirements of the Virginia laws, regulations, general permits and related guidance documents. Specifically, the S&S addresses personnel certification, plan content and approval processes, inspection and enforcement procedures, reporting and recordkeeping requirements, and provisions for

long-term maintenance of permanent stormwater management facilities. The S&S are followed for all regulated land disturbing activities undertaken on UVA property. The University Building Official will not issue a building permit for a project without documented approval of SWM Plans, if applicable. UVA also maintains an associated SOP on Land Disturbing Activity which provides additional information on maintaining compliance, including enforcement actions. Post construction stormwater management facilities are inspected and maintained according to UVA's BMP Inspection SOP to ensure functionality and proper treatment of runoff entering the MS4.

Measurable Goal:

S&S, including periodic updates, approved by the department.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The latest UVA S&S for SWM and E&SC and associated approval letter from DEQ is available [on the ER website](#). Written inspection procedures for installation and long-term maintenance of stormwater management facilities are maintained internally and are available upon request.

5.a. Annual Report Update:

UVA addresses post-construction stormwater runoff that enters the MS4 from land disturbing activities by implementing the most recent DEQ-approved S&S, which is available, along with the approval letter, on the UVA website. UVA also maintains an inspection and maintenance program in accordance with 5.b. During the reporting period, UVA installed one stormwater management facility that requires reporting using the DEQ BMP Warehouse in accordance with Part III B 1 and 2.

MCM 5. b.**Regulatory Citation: 5. b.:**

The permittee shall implement an inspection and maintenance program for those stormwater management facilities owned or operated by the permittee as follows: (1) Within six months of the permit effective date, the permittee shall develop and maintain written inspection and maintenance procedures in order to ensure adequate long-term operation and maintenance of its stormwater management facilities. The permittee may use inspection and maintenance specifications available from the Virginia Stormwater BMP Clearinghouse or inspection and maintenance plans developed in accordance with the department's Stormwater Local Assistance Fund (SLAF) guidelines;

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA owns and maintains all SWM facilities on its property within the MS4 with the exception of BMPs located on UVA property that is under a long-term lease to a local governmental agency. UVA has a written SOP for BMP Inspections, which includes maintenance as well as checklists tailored to each type of BMP. These checklists are followed to conduct and document the inspections. Maintenance of BMPs on any UVA properties under long term lease is the responsibility of the leasee, according to the lease agreement.

Measurable Goal:

Develop and maintain written inspection and maintenance procedures.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The SOP for BMP Inspections, which includes procedures for maintenance, is available upon request. BMP inspection checklists are also available upon request.

5.b. (1) Annual Report Update:

UVA has developed and follows the written inspection and maintenance procedures for UVA-owned stormwater management facilities.

MCM 5. b. (2)

Regulatory Citation: 5. b. (2):

Employees and contractors implementing the stormwater program shall obtain the appropriate certifications as required under the Virginia Stormwater Management Act and its attendant regulations;

Responsible Departments:

ER, OUBO

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Currently, UVA has two employees certified as dual inspectors, two employees certified as dual combined administrators, and one employee certified as a dual plan reviewer through DEQ's program as described in 4.c.

Measurable Goal:

Employees and contractors implementing the stormwater program are properly certified.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Certifications available upon request.

5.b. (2) Annual Report Update:

The status of UVA employee certifications was previously discussed in 4.c. Generally, UVA does not hire contractors to implement the post-construction stormwater program. In the event contractors are hired, UVA will ensure they have appropriate certifications for the work being performed.

MCM 5. b. (3)**Regulatory Citation: 5. b. (3):**

The permittee shall inspect stormwater management facilities owned or operated by the permittee no less frequently than once per year. The permittee may choose to implement an alternative schedule to inspect these stormwater management facilities based on facility type and expected maintenance needs provided that the alternative schedule and rationale is included in the MS4 program plan. The alternative inspection frequency shall be no less often than once per five years; and

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

All SWM facilities are inspected at least annually, but some are visited more frequently for a quick inspection and routine maintenance, such as trash and debris removal.

Measurable Goal:

Number of SWM facility inspections completed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The SOP for BMP Inspections and Maintenance includes procedures for maintenance, is available upon request. BMP inspection checklists are also available upon request.

5.b. (3) Annual Report Update

UVA stormwater management facilities are inspected no less frequently than once per year. 301 stormwater management facility inspections were completed during the reporting period. UVA intends to electronically report stormwater management facilities inspected using the DEQ BMP Warehouse in accordance with Part III B 5. (Note that this citation is a typo in the regulations and should be Part III B 4)

MCM 5. b. (4)**Regulatory Citation: 5. b. (4):**

If during the inspection of the stormwater management facility conducted in accordance with Part I E 5 b (2), it is determined that maintenance is required, the permittee shall conduct the maintenance in accordance with the written procedures developed under Part I E 5 b (1).

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

ER or FM staff receive and review all BMP inspection and maintenance written reports. ER and FM staff meet several times a year to plan for seasonal tasks as well as larger maintenance projects. SWM facility inspectors make arrangements for follow-up work in the event maintenance requirements are more extensive than the inspection staff were able to take care of on their own.

Measurable Goal:

Number of maintenance items reported. Not all maintenance items require immediate attention, but are tracked to observe patterns. Routine maintenance, such as mowing or trash removal, is not tracked.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The SOP for BMP Inspections and Maintenance includes procedures for maintenance and is available upon request. BMP inspection checklists are also available upon request.

5.b. (4) Annual Report Update:

A total of 8 BMPs had significant maintenance and retrofit activities performed. Significant BMP maintenance during the reporting period focused on the sediment removal and pump outs of underground detention BMPs.

MCM 5. d.

Regulatory Citation: 5. d.:

The MS4 program plan shall include: **(2)** If the permittee implements a post-development stormwater runoff control program in accordance with Part I E 5 a (4): **(a)** The most recently approved standards and specifications or if incorporated by reference, the location where the standards and specifications can be viewed; and **(b)** A copy of the most recent standards and specifications approval letter from the department; **(3)** A description of the legal authorities utilized to ensure compliance with Part I E 5 a for post-construction stormwater runoff control such as ordinances (provide citation as appropriate), permits, orders, specific contract language, and interjurisdictional agreements; **(4)** Written inspection and maintenance procedures and other associated template documents utilized during inspection and maintenance of stormwater management facilities owned or operated by the permittee; and **(5)** The roles and responsibilities of each of the permittee's departments, divisions, or subdivisions in implementing the post-construction stormwater runoff control program.

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Compliance with the requirements of MCM 5. d. are incorporated into the program plan requirements for MCMs 5. a – b.

5.d. Annual Report Update:

The MS4 program plan includes the required information and can be viewed on the [Environmental Resources MS4 webpage](#).

Minimum Control Measure 6: Pollution Prevention and Good Housekeeping for Facilities Owned or Operated by UVA within the MS4 Service Area

MCM 6. a. (1)-(4)

Regulatory Citation: 6. a.:

The permittee shall maintain and implement written good housekeeping procedures for those activities listed in Part I E 6 b at facilities owned or operated by the permittee designed to meet the following objectives: **(1)** Prevent illicit discharges; **(2)** Ensure permittee staff or contractors properly dispose of waste materials, including landscape wastes and prevent waste materials from entering the MS4; **(3)** Prevent the discharge of wastewater or wash water not authorized in accordance with 9VAC25-890-20 D 3 u, into the MS4 without authorization under a separate VPDES permit; and **(4)** Minimize the pollutants in stormwater runoff.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed Standard Operating Procedures (SOPs) which serve as written good housekeeping procedures for the activities described in Part I E 6 a. The SOPs are intended to minimize the potential for or prevent pollutant discharges from activities of concern. These include, but are not limited to, SOPs on Waste Management, including construction waste, Exterior Surfaces and Building Washing, Used Oil Disposal, Vehicle and Equipment Washing, and Building Fire Sprinkler System Flushing.

Measurable Goal:

Review SOPs periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures, is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an operation or equipment change warrants such review. SOPs are dated with the most recent revision.

6.a Annual Report Update:

All SOPs were reviewed during the reporting period and updated as needed.

MCM 6. b.**Regulatory Citation: 6. b.:**

The permittee shall develop and implement written good housekeeping procedures that meet the objectives established in Part I E 6 a for the following activities: **(1)** Road, street, sidewalk, and parking lot maintenance and cleaning: **(a)** Within 24 months of permit issuance, permittees that apply anti-icing and deicing agents shall update and implement procedures in accordance with Part I E to include implementation of best management practices for anti-icing and deicing agent application, transport, and storage; **(b)** Procedures developed in accordance with Part I E shall prohibit the application of any anti-icing or deicing agent containing urea or other forms of nitrogen or phosphorus;

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed SOPs , which serve as written good housekeeping procedures, in accordance with the requirements of 6.b.(1) within the stated timeframe and requirements.

Measurable Goal:

SOP has been developed and is available on UVA's SOP website. SOPs are reviewed periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an operation or equipment change warrants such review. SOPs are dated with the most recent revision.

6.b Annual Report Update:

UVA has developed an SOP meeting the stated objectives within the required timeframe. The SOP will be followed by UVA staff and contractors. The SOP will be reviewed annually and updated as needed.

MCM 6. b.(2)

Regulatory Citation: 6. b. (2):

Renovation and significant exterior maintenance activities (e.g., painting, roof resealing, and HVAC coil cleaning) not covered under a separate VSMP construction general permit. The permittee shall develop and implement procedures no later than 36 months after permit issuance;

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed SOPs, which serve as written good housekeeping procedures, in accordance with the requirements of 6.b.(2) within the stated timeframe and requirements.

Measurable Goal:

SOP has been developed and is available on UVA's SOP website. SOPs are reviewed periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an operation or equipment change warrants such review. SOPs are dated with the most recent revision.

6.b (2) Annual Report Update

UVA has developed an SOP meeting the stated objectives within the required timeframe. The SOP will be followed by UVA staff and contractors. The SOP will be reviewed annually and updated as needed.

MCM 6. b.(3)

Regulatory Citation: 6. b. (3):

Discharging water pumped from construction and maintenance activities not covered by another permit covering such activities;

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed an SOP regarding Water Disposal from Dewatering Activities.

Measurable Goal:

SOPs have been developed and are available on UVA's SOP website. Review SOPs periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an operation or equipment change warrants such review. SOPs are dated with the most recent revision.

6.b (3) Annual Report Update:

This SOP is followed by UVA staff and contractors. This SOP is reviewed annually and updated as needed.

MCM 6. b.(4)

Regulatory Citation: 6. b. (4):

Temporary storage of landscaping materials;

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed an SOP related to bulk storage of salt and sand in the Roadway and Sidewalk Maintenance, Cleaning, and Deicing SOP as well as an SOP on Landscape Materials and Organic Waste. UVA has also developed a SWPPP for the FM Yard, which is where bulk sand and salt are stored.

Measurable Goal:

SOPs, which serve as written good housekeeping procedures, have been developed and are available on UVA's SOP website. Review SOPs periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an operation or equipment change warrants such review. SOPs are dated with the most recent revision.

6.b (4) Annual Report Update:

These SOPs are followed by UVA staff and contractors. These SOPs are reviewed and updated annually as needed.

MCM 6. b.(5)

Regulatory Citation: 6. b. (5):

Maintenance of permittee owned or operated vehicles and equipment (i.e., prevent pollutant discharges from leaking permittee vehicles and equipment);

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed an SOP on Vehicle and Equipment Maintenance.

Measurable Goal:

SOPs, which serve as written good housekeeping procedures, have been developed and are available on UVA's SOP website. Review SOPs periodically to evaluate if updates are needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an operation or equipment change warrants such review. SOPs are dated with the most recent revision.

6.b (5) Annual Report Update:

This SOP is followed by UVA staff and contractors. This SOP is reviewed annually and updated as needed.

MCM 6. b.(6) – (7)**Regulatory Citation: 6. b. (6):**

Application of materials, including pesticides and herbicides shall not exceed manufacturer's recommendations; and **(7)** Application of fertilizer shall not exceed maximum application rates established by applicable nutrient management plans. For areas not covered under nutrient management plans where fertilizer is applied, application rates shall not exceed manufacturer's recommendations.

Responsible Departments:

ER, FM, EHS

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed an SOP, which serves as written good housekeeping procedures, on Pesticides, Herbicides, and Fertilizers. Only licensed applicators are allowed to use pesticides, herbicides, and fertilizers on UVA property covered by the MS4 permit. All fertilizer and pesticide applicators are certified and their certifications are reviewed annually by UVA's certified Nutrient Management Planner.

Measurable Goal:

SOPs have been developed and are available on UVA's SOP website. Review SOPs periodically to evaluate if updates are needed. Ensure applicators have required licenses. Number of certified pesticide, herbicide, and fertilizer users at UVA will be included in the annual report.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

A list of all SOPs serving as written good housekeeping procedures is available on the [Environmental Resources website](#). SOPs are reviewed at least annually or whenever an

operation or equipment change warrants such review. Applicator licenses are available upon request. SOPs are dated with the most recent revision.

6.b (6)-(7) Annual Report Update:

This SOP is followed by UVA staff and contractors. This SOP is reviewed and updated annually as needed. Fertilizer rates do not exceed maximum application rates established by applicable UVA nutrient management plans. UVA has 19 VDACS certified pesticide applicators and 8 certified fertilizer applicators on staff.

MCM 6. c.**Regulatory Citation: 6. c.:**

The permittee shall require through the use of contract language, training, written procedures, or other measures within the permittee's legal authority that contractors employed by the permittee and engaging in activities described in Part I E 6 b follow established good housekeeping procedures and use appropriate control measures to minimize the discharge of pollutants to the MS4.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

For construction sites over one acre, contractors must adhere to their SWPPP, which is reviewed regularly by UVA inspectors. Contractors are expected to adhere to UVA's SOPs while doing work on UVA property and contracts can be terminated for failure to comply. References to SOPs are also included in Division 1 Guidelines, which includes language about governing authority. UVA has included specific language in contract vendor requirements to emphasize this requirement. In addition, FM and/or ER staff aims to talk to contractor representatives during opportunities such as pre-bid meetings, pre-construction meetings, and contractor safety events organized by UVA Occupational Health and Safety staff. Project management staff who hire contractors are periodically trained on expectations for managing contractors.

Measurable Goal:

Contractors follow best management practices established by and followed by UVA staff. Document ways contractors are engaged in annual report.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Construction site SWPPPs are maintained on each construction site. SOPs are maintained on the [Environmental Resources website](#). UVA Division 1 Guidelines are available on the [UVA FM Contract Administration website](#).

6.c Annual Report Update:

Contract vendor language and Division 1 Guidelines were used during the reporting period to convey expectations to contractors. UVA staff also meet with contractors for pre-bid and pre-con meetings for larger projects and on an as-needed basis throughout project duration. UVA project managers are trained to convey information to the subcontractors for their projects as appropriate.

MCM 6. d.**Regulatory Citation: 6. d.:**

The written procedures established in accordance with Part I E 6 a and b shall be utilized as part of the employee training program, and the permittee shall develop a written training plan for applicable field personnel that ensures the following: **(1)** Applicable field personnel shall receive training in the prevention, recognition, and elimination of illicit discharges no less often than once per 24 months; **(2)** Employees performing road, street, sidewalk, and parking lot maintenance shall receive training in good housekeeping procedures required under Part I E 6 b (1) no less often than once per 24 months; **(3)** Employees working in and around facility maintenance, public works, or recreational facilities shall receive training in applicable Part I E 6 a and b good housekeeping procedures required no less often than once per 24 months; **(4)** Employees working in and around high-priority facilities with a stormwater pollution prevention plan (SWPPP) shall receive training in applicable site specific SWPPP procedures no less often than once per 24 months; **(5)** Employees whose duties include emergency spill control and response shall be trained in spill control and response. Emergency responders, such as firefighters and law-enforcement officers, trained on the handling of spill control and response as part of a larger emergency response training shall satisfy this training requirement and be documented in the training plan; and **(6)** Employees and contractors hired by the permittee who apply pesticides and herbicides shall be trained and certified in accordance with the Virginia Pesticide Control Act (§ 3.2-3900 et seq. of the Code of Virginia). Certification by the Virginia Department of Agriculture and Consumer Services (VDACS) Pesticide and Herbicide Applicator program shall constitute compliance with this requirement. Contracts for the application of pesticide and herbicides executed after the effective date of this permit shall require contractor certification.

Responsible Departments:

ER, FM, EHS, PD

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

The UVA MS4 Training Plan can be found in Appendix C of the MS4 Program Plan. As required in 6.d, SWPPPs, SOPs, and any other written procedures are covered in the training as appropriate and proper certifications are also required.

Measurable Goal:

Track training program, dates, and number of individuals trained. Update training plan as needed to ensure appropriate employees are adequately trained. This information will be reported in Appendix C in the annual report.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Written training materials and staff training records are available upon request.

6.d Annual Report Update:

Training completed during the reporting period is listed in Appendix C. VDACS certifications for UVA staff is discussed in 6.b.(6)-(7).

MCM 6. e.**Regulatory Citation: 6. e.:**

The permittee shall maintain documentation of each training activity conducted by the permittee to fulfill the requirements of Part I E 6 d for a minimum of three years after training activity completion. The documentation shall include the following information: **(1)** The date when applicable employees have completed the training activity; **(2)** The number of employees who have completed the training activity; and **(3)** The training objectives and good housekeeping procedures required under Part I E 6 a covered by training activity.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Documentation for all training completed is maintained as required in 6. e. and as described in the UVA MS4 Training Plan.

Measurable Goal:

Track training program, dates, and number of individuals trained. Update training plan as needed to ensure appropriate employees are adequately trained. This information will be reported in Appendix C in the annual report.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Written training materials and staff training records are available upon request.

6.e Annual Report Update:

Training completed during the reporting period is listed in Appendix C.

MCM 6. f.

Regulatory Citation: 6. f.:

The permittee may fulfill the training requirements in Part I E 6 d, in total or in part, through regional training programs involving two or more MS4 permittees; however, the permittee shall remain responsible for ensuring compliance with the training requirements.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA is not currently planning to fulfill training requirements through regional training programs, but will update the MS4 Program Plan accordingly if the training plans change.

Measurable Goal:

Not applicable.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Not applicable.

6.f Annual Report Update:

UVA did not fulfill any of the training requirements through regional training programs during the reporting period.

MCM 6. g. - h

Regulatory Citation: 6. g.:

Within 12 months of permit coverage, the permittee shall identify any new high-priority facilities located in expanded 2020 census urban areas with a population of at least 50,000. **6. h.** Within 36 months of permit coverage, the permittee shall implement SWPPPs for high-priority facilities meeting the conditions of Part I E 6 i and which are located in expanded 2020 census urban areas with a population of at least 50,000.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA's regulated MS4 area was not expanded as a result of the 2020 census as all areas were already considered urban under the 2010 census. Therefore there is no expanded area in which to identify new high-priority facilities.

Measurable Goal:

Not applicable.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Not applicable.

6.g -h Annual Report Update:

No areas were added to UVA's MS4 under the expanded 2020 census urban areas, therefore, no new high-priority facilities were identified within such areas.

MCM 6. i.

Regulatory Citation: 6. i.:

The permittee shall maintain and implement a site specific SWPPP for each high-priority facility as defined in 9VAC25-890-1 that does not have or require separate VPDES permit coverage, and which any of the following materials or activities occur and are expected to have exposure to stormwater resulting from rain, snow, snowmelt, or runoff: **(1)** Areas where residuals from using, storing, or cleaning machinery or equipment remain and are exposed to stormwater; **(2)** Materials or residuals on the ground or in stormwater inlets from spills or leaks; **(3)** Material handling equipment; **(4)** Materials or products that would be expected to be mobilized in stormwater runoff during loading or unloading or transporting activities (e.g., rock, salt, fill dirt); **(5)** Materials or products stored outdoors (except final products intended for outside use where exposure to stormwater does not result in the discharge of pollutants); **(6)** Materials or products that would be expected to be mobilized in stormwater runoff contained in open, deteriorated, or leaking storage drums, barrels, tanks, and similar containers; **(7)** Waste material except waste in covered, nonleaking containers (e.g., dumpsters); **(8)** Application or disposal of process wastewater (unless otherwise permitted); or **(9)** Particulate matter or visible deposits of residuals from roof stacks, vents, or both not otherwise regulated (i.e., under an air quality control permit) and evident in the stormwater runoff.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has completed an evaluation of high-priority facilities which is included in Appendix D. UVA maintains a SWPPP for all identified high-priority facilities. UVA annually reviews facilities that have been identified as high-priority, but do not meet the conditions described in 6.i., in order to determine if a SWPPP is needed. Facilities with SWPPPs are

inspected annually. Facilities will be added or removed from the list of high-priority facilities during the permit cycle as conditions warrant.

Measurable Goal:

Up-to-date list of high-priority facilities which require SWPPPs.

Standard Operating Procedures or Policies Necessary to Implement the BMP and

Documents Incorporated by Reference:

The list of high-priority facilities along with any SWPPPs developed is included in Appendix D. A list of all SOPs is available on the [Environmental Resources website](#).

6.i Annual Report Update:

UVA's high-priority facilities are included in Appendix D. An up-to-date SWPPP is maintained for each facility and facilities are inspected annually.

MCM 6. j.

Regulatory Citation: 6. j.:

Each SWPPP as required in Part I E 6 g shall include the following: **(1)** A site description that includes a site map identifying all outfalls, direction of stormwater flows, existing source controls, and receiving water bodies; **(2)** A description and checklist of the potential pollutants and pollutant sources; **(3)** A description of all potential nonstormwater discharges; **(4)** A description of all structural control measures, such as stormwater management facilities and other pollutant source controls, applicable to SWPPP implementation (e.g., permeable pavement or oil-water separators that discharge to sanitary sewer are not applicable to the SWPPP), such as oil-water separators, and inlet protection designed to address potential pollutants and pollutant sources at risk of being discharged to the MS4; **(5)** A maintenance schedule for all stormwater management facilities and other pollutant source controls applicable to SWPPP implementation described in Part I E 6 h (4); **(6)** Site specific written procedures designed to reduce and prevent pollutant discharge that incorporate by reference applicable good housekeeping procedures required under Part I E 6 a and b; **(7)** A description of the applicable training as required in Part I E 6 d (4); **(8)** An inspection frequency of no less often than once per year and maintenance requirements for site specific source controls. The date of each inspection and associated findings and follow-up shall be logged in each SWPPP; **(9)** A log of each unauthorized discharge, release, or spill incident reported in accordance with Part IV G including the following information: **(a)** Date of incident; **(b)** Material discharged, released, or spilled; and **(c)** Estimated quantity discharged, released, or spilled; **(10)** A log of modifications to the SWPPP made as the result of any unauthorized discharge, release, or spill in accordance Part I E 6 j or changes in facility activities and operation requiring SWPPP modification; and **(11)** The point of contact for SWPPP implementation.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has developed a SWPPP template which contains the information required in Part I E 6 j. Any subsequent SWPPPs which need to be developed will use this template.

Measurable Goal:

SWPPP template and SWPPPs contain all permit-required information.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The SWPPP template is available upon request. The SWPPPs are available on the [Environmental Resources website](#).

6.j Annual Report Update:

Each SWPPP contains the required information.

MCM 6. k.**Regulatory Citation: 6. k.:**

No later than June 30 of each year, the permittee shall annually review any high-priority facility owned or operated by the permittee for which an SWPPP has not been developed to determine if the facility meets any of the conditions described in Part I E 6 g. If the facility is determined to need an SWPPP, the permittee shall develop an SWPPP meeting the requirements of Part I E 6 h no later than December 31 of that same year. The permittee shall maintain a list of all high-priority facilities owned or operated by the permittee not required to maintain an SWPPP in accordance with Part I E 6 g and this list shall be available upon request.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

No later than June 30th of each year, UVA will review high-priority facilities owned by UVA for which a SWPPP has not been developed to determine if the facility meets the conditions described in Part I E 6 g. A SWPPP will be developed by December 31 of that same year for any such facility if the need for a SWPPP is determined.

Measurable Goal:

Up-to-date list of high-priority facilities with a high potential to discharge pollutants and facilities requiring SWPPP

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The list of high-priority facilities including whether or not a SWPPP has been developed, is maintained in Appendix D.

6.k Annual Report Update:

The one high-priority facility owned or operated by UVA for which a SWPPP has not been developed was reviewed during the reporting period and found to not meet any of the conditions described in Part I E 6 g. No new high-priority facilities were identified during the reporting year.

MCM 6. I.

Regulatory Citation: 6. I.:

The permittee shall review the contents of any site specific SWPPP no later than 30 days after any unauthorized discharge, release, or spill reported in accordance with Part IV G to determine if additional measures are necessary to prevent future unauthorized discharges, releases, or spills. If necessary, the SWPPP shall be updated no later than 90 days after the unauthorized discharge.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA will review site specific SWPPPs within 30 days of any spills, releases, or major changes to site operations.

Measurable Goal:

Updated SWPPPs within 90 days as needed.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The SWPPPs, which include a list of revisions, are available on the [Environmental Resources website](#).

6.I Annual Report Update:

No unauthorized discharges, releases, or spills occurred at any of the high-priority facilities with SWPPPs, so no associated SWPPP updates were required.

MCM 6. m.

Regulatory Citation: 6. m.:

The SWPPP shall be kept at the high-priority facility and utilized as part of employee SWPPP training required in Part I E 6 d (4). The SWPPP and associated documents may be maintained as a hard copy or electronically as long as the documents are available to employees at the applicable site.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

All UVA SWPPPs are stored electronically and are available to employees on site. SWPPPs and associated SOPs are used as part of staff training.

Measurable Goal:

Electronically available SWPPPs. Training materials containing SWPPP related information.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

Training materials are stored on FM's internal server and are available upon request. SWPPPs and SOPs are available online at the [Environmental Resources website](#).

6.m Annual Report Update:

The most recent version of all UVA high-priority facility SWPPPs are available on the UVA website, are available to employees at each site, and are utilized as part of the employee training listed in Appendix C.

MCM 6. n. – o.

Regulatory Citation: 6. n.:

If activities change at a facility such that the facility no longer meets the definition of a high-priority facility, the permittee may remove the facility from the list of high-priority facilities with a high potential to discharge pollutants. **6. o.** If activities change at a facility such that the facility no longer meets the criteria requiring SWPPP coverage as described in Part I E 6 g, the permittee may remove the facility from the list of high-priority facilities that require SWPPP coverage.

Responsible Departments:

ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

The list of high-priority facilities is available in Appendix D. Any facilities evaluated and removed from the list will be documented with the rationale for their removal. Facilities are evaluated annually in accordance with Part I E 6 k.

Measurable Goal:

Up-to-date list of high-priority facilities with a high potential to discharge pollutants and facilities requiring SWPPPs.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

The list of high-priority facilities with a high potential to discharge pollutants, as well as whether a SWPPP is required, is maintained in Appendix D.

6.n-o Annual Report Update:

No high-priority facilities were removed from the list during the reporting period. No high-priority facilities requiring SWPPPs were removed from the list during the reporting period.

MCM 6. p. – w.

Regulatory Citation: 6. p.:

The permittee shall maintain and implement turf and landscape nutrient management plans that have been developed by a certified turf and landscape nutrient management planner in accordance with § 10.1-104.2 of the Code of Virginia on all lands owned or operated by the permittee where nutrients are applied to a contiguous area greater than one acre. If nutrients are being applied to achieve final stabilization of a land disturbance project, application shall follow the manufacturer's recommendations. **q.** Within 12 months of permit coverage, the permittee shall identify contiguous areas greater than one acre located in expanded 2020 census urban areas with population of at least 50,000 and within the permittee's MS4 service area requiring turf and landscape nutrient management plans. **r.** Within 36 months of permit coverage, the permittee shall implement turf and landscape nutrient management plans on contiguous areas greater than one acre located in expanded 2020 census urban areas with a population of least 50,000 and within the permittee's MS4 service area. **s.** If nutrients are being applied to achieve final stabilization of a land disturbance project, application shall follow the manufacturer's recommendations. For newly established turf where nutrients are applied to a contiguous area greater than one acre, the permittee shall implement a nutrient management plan no later than six months after the site achieves final stabilization. **t.** Nutrient management plans developed in accordance with Part I E 6 n shall be submitted to the Department of Conservation and Recreation (DCR) for approval. **u.** Nutrient management plans that are expired as of the effective date of this permit shall be submitted to DCR for renewal within six months after the effective date of this permit. Thereafter, all nutrient management plans shall be submitted to DCR at least 30 days prior to nutrient management plan expiration. Within 36 months of permit coverage, no nutrient management plans maintained by the permittee in accordance with Part I E 6 n shall be expired due to DCR documented noncompliance with 4VAC50-85-130 provided to the permittee. **v.** Nutrient management plans may be maintained as a hard copy or electronically as long as the documents are available to employees at the applicable site. **w.** Nontraditional permittees

with lands regulated under §10.1-104.4 of the Code of Virginia, including state agencies, state colleges and universities, and other state government entities, shall continue to implement turf and landscape nutrient management plans in accordance with this statutory requirement.

Responsible Departments:

A, EHS, ER, FM

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

UVA has implemented Nutrient Management Plans (NMPs) to moderate the use of fertilizer on all lawn and landscaped areas on state-owned lands. All UVA areas were previously considered urban areas under the 2010 census and all state owned lands where nutrients are applied require NMPs regardless of MS4 status, therefore there are no new areas requiring NMP implementation. In instances where nutrients are being applied to achieve final stabilization of a land disturbance project, the application will follow the manufacturer's recommendations. UVA currently has one staff member who is a certified Nutrient Management Planner and ensures the Nutrient Management Plans are accurate and up-to-date. UVA also hires certified NMPs as contractor for NMP development in some areas. NMPs are updated and maintained as required so all appropriate areas are covered and that plans are not expired.

Measurable Goal:

UVA currently has the following Nutrient Management Plans:

UVA Grounds - 183.7 acres, approved 7/18/2025, expires 6/10/2028;

Athletics -18.5 acres, approved 11/16/2024, expires 11/16/2027;

Recreation -26.5 acres, approved 4/15/2025, expires 4/15/2028.

Acres of UVA lands upon which Nutrient Management Plans have been implemented will be tracked and updated as part of the MS4 Program Plan and the annual report.

Standard Operating Procedures or Policies Necessary to Implement the BMP and Documents Incorporated by Reference:

All NMPs are stored electronically on internal UVA servers and are available upon request.

6.p-w Annual Report Update:

All three UVA NMPs maintained and followed during the reporting period. UVA has a certified Nutrient Management Planner (certificate #533), who is certified until August of 2028.

MCM 6. x.**Regulatory Citation: 6 x.:**

The MS4 program plan shall include: **(1)** A list of written good housekeeping procedures for the operations and maintenance activities as required by Part I E 6 a and b; **(2)** A list of all high-priority facilities owned or operated by the permittee required to maintain an SWPPP in accordance with Part I E 6 g that includes the facility name, facility location, and the location of the SWPPP hardcopy or electronic document being maintained. The SWPPP for each high-priority facility shall be incorporated by reference; **(3)** A list of locations for which turf and landscape nutrient management plans are required in accordance with Part I E 6 n and s, including the following information: **(a)** The total acreage covered by each nutrient management plan; **(b)** The DCR approval date and expiration date for each nutrient management plan; **(c)** The location of the nutrient management plan hardcopy or electronic document being maintained; **(4)** A summary of mechanisms the permittee uses to ensure contractors working on behalf of the permittees implement the necessary good housekeeping and pollution prevention procedures, and stormwater pollution plans as appropriate; and **(5)** The written training plan as required in Part I E 6 d.

BMPs or Strategies Anticipated to be Implemented to Demonstrate Compliance with the Permit Conditions:

Compliance with the requirements of MCM 6. x. are incorporated into the program plan requirements for MCMs 6. a – w.

6.x Annual Report Update:

The MS4 program plan includes the required information and can be viewed at the [UVA MS4 webpage](#).

Appendix A – Public Education, Outreach, Involvement and Participation Tracking

Table A. MCM 1 Public Education and Outreach Tracking and MCM 2 Public Involvement and Participation Tracking

UVA or RSEP	Date	Event Name	Event Description / Audience Reached / Metric to Determine if Activity is Beneficial to Water Quality	High-Priority Stormwater Issues Addressed	MCM 1	MCM 2
RSEP	7/1/2025	Social Media Posts around Smart Irrigation Month (July) & general outdoor watering,	Charlottesville & Albemarle County Audience, Social media reach Annual July campaign promoting smart irrigation and outdoor watering practices. Charlottesville Water Conservation made 4 posts and Charlottesville- A Green City made 1 post	Runoff volume, runoff pollutants, TMDL pollutants	Yes	
RSEP	7/28/2025	Social Media Post on Pet Waste	Charlottesville - A Green City made a social media post about pet waste and water quality impacts.	Runoff pollutants, TMDL pollutants	Yes	
RSEP	8/2/2025	Community Event: Westhaven Community Day	Community event at public housing. Charlottesville's Office of Sustainability attended. Had wild flower seed packets, information on rain barrels, Love your watershed materials, water conservation info, and reusable bags	Runoff pollutants	Yes	

UVA	8/20/202 5	HHW Day Promotion	Promotion of Household Hazardous Waste Day (September 19th from 9-3) in UVA Sustainability Newsletter to encourage community members to dispose of chemical wastes properly.	Runoff pollutants	Yes	
UVA	8/20/202 5	Rain Barrel Workshop Promo	Promotion of Cville Rain Barrel Workshop in UVA Sustainability Newsletter	Runoff volume	Yes	
UVA	8/23/202 5	Invasive Workday at Riverview Park	UVA School of Medicine coordinated an invasive management workday at Riverview Park. Volunteers pulled Japanese stiltgrass from a portion of Riverview Park under RCA volunteer management. 10 participants.	Runoff volume		Yes
UVA	8/25/202 5	UVA Fall Activities Fair	Tabling by Clean Water group, OFS, and other green clubs/orgs. Clean Water discussed group mission and projects/activities to prevent stormwater pollution. Gave away 170 LYW stickers and 75 magnets. 147 new students joined the UVA Clean Water ListServ email list.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	

UVA	8/27/202 5	Clean Water working group interest meeting for Fall 2025 semester.	Informed new members of mission and goals, discussed projects and project schedule for the semester.18 students attended the interest meeting	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
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UVA	Fall 2025 and Spring 2026	UVA Academic Classes	UVA offers a variety of courses touching on stormwater pollution prevention, sustainability, and climate change including ARCH 2150 Global Sustainability, EVSC 1010 Introduction to Environmental Sciences, EVSC 3600 Physical Hydrology, EVSC 4490/EVAT 7490 Air Pollution, EVSC 4290/EVAT 7290 Limnology: Inland Water Ecosystems, CE 3030 Land Development Engineering, CE 3210 Fluid Mechanics, CE 4210/CD 6215 Stormwater Management, PLAN 1010 Introduction to Urban and Environmental Planning. All students graduating from Civil Engineering, Environmental Thought and Practice, and Environmental Science, at minimum, are introduced to the concepts of stormwater management and stormwater pollution prevention through the UVA course offerings. Additionally, many non-majors will take courses such as EVSC 1010 and ARCH 2150, thus broadening the number of students educated about stormwater runoff.	Runoff volume, runoff pollutants, TMDL pollutants, climate change education	Yes	
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UVA	All Home Football Games 8/30/202 5 9/13/202 5 9/20/202 5 9/26/202 5 10/18/20 2511/8/2 025 11/29/20 25	Green Games	The Green Games initiative is an effort to encourage fans and volunteers to help reduce and divert waste at athletic events, as well as prevent litter. UVA Sustainability leads the initiative with student volunteers that collect compostable and recyclable materials from inside the stadium. Bins are also set up in parking lots around the stadium to allow interaction with and collection of materials from tailgaters.	Runoff pollutants	Yes	Yes
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RSEP	9/4/2025	Rain Barrel Workshop at Starr Hill Downtown at Dairy Market in Charlottesville	Join the James River Association and Rivanna Stormwater Education Partnership for a rain barrel workshop at Starr Hill Downtown at Dairy Market in Charlottesville on Thursday, September 4, at 6:00 pm. JRA staff instructed workshop participants on how to assemble and install rain barrels at home. 15 participants.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
UVA	9/4/2025	Discussion of stormwater history, approach and requirements for UVA and site tour of the Dell stream daylighting, biofilters and retention pond.	Civil Engineering 4th Year Class, education of future generation who may work in stormwater management related careers (27 students). One student enjoyed the presentation so much, they sent a follow up email asking how to get more involved.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
UVA	9/7/2025	UVA Clean Water stream clean up	UVA Clean Water hosted a cleanup of a tributary to Meadow Creek in Copeley Hill Apartments area. 14 participants collected 7 bags of trash	Runoff pollutants		Yes

UVA	9/14/202 5	Corner Clean Up	Join UVA Sustainability, Epsilon Eta, Phi Alpha Delta and Undergraduate Women in Law for the first Corner Cleanup of the semester! Participating in Corner Cleanup is a fun way to help keep our environment healthy and beautiful. Keeping litter off of our streets shows care for the local flora and fauna and respect for Charlottesville, where many of us are just temporary residents. All pickers, bags, and gloves will be provided. 65 UVA Students collected multiple bags of trash from the Corner area.	Runoff pollutants		Yes
UVA / RSEP	9/17/202 5	United Way Day of Caring	Volunteers worked across the community for the United Way Day of Caring on September 17th. RCA and ReLeaf Cville supported a workday in Riverview Park. A total of 20 volunteers with the UVA Department of Safety and Security and the City of Charlottesville's Office of Sustainability worked to help control invasive shrubs and vines.	Runoff volume		Yes

UVA	9/17/202 5	Cleanup Postings on Social Media	UVA Clean Water promoted their upcoming Rivanna River Round-Up cleanup at Tonsler Park through Listserv (subscribers) and to Instagram and Facebook.	Runoff pollutants	Yes	
RSEP	9/20/202 5	Restoration - Rivanna River Roundup Sponsorship	RSEP provided sponsorship funds at the Watershed Champion level to Rivanna Conservation Alliance to help provide supplies for City wide river clean up events. Sponsorship funds go to all RCA cleanup events during the year, but the Round-Up is the largest. This year's Round Up included 264 volunteers who removed 376 bags of trash and 116 tires from 22 clean up sites in the Rivanna watershed, removing more than 2.46 tons of trash.	Runoff pollutants		Yes

UVA, RSEP	9/20/202 5	UVA Clean Water – 6th Annual Rivanna River Round	UVA Clean Water participated in the 6th Annual Rivanna River Round Up hosted by RCA, which consists of multiple cleanups around the Charlottesville area over the course of the weekend. UVA Clean Water cleaned up around Tonsler Park, adjacent sections of the Fifeville Community Trail and tributary to Rock Creek. 18 participants collected 14 bags of trash, a bike, an electric scooter, and a flatscreen tv. LYW stickers, magnets, and temporary tattoos were given to volunteers.	Runoff pollutants		Yes
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RSEP	9/24/202 5	Public Education Activities - Rivanna Basin Commission Annual Conference.	Conference on the status of water quality and resources in the Rivanna watershed organized by RSEP Member Isabella O'Brien of the Thomas Jefferson Planning District Commission. The focus of this year's discussion was on water supply planning, especially as it relates to the increasing demands of data centers and a growing need for drought resilience. Local elected officials participated along with attendees. RSEP had a table at the event along with other environmental community partners and Love Your Watershed stickers were handed out.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
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UVA	9/28/202 5	Corner Clean Up	Join UVA Sustainability, Theta Tau, and Third Year Council for the second Corner Cleanup of the semester! Participating in Corner Cleanup is a fun way to help keep our environment healthy and beautiful. Keeping litter off of our streets shows care for the local flora and fauna and respect for Charlottesville, where many of us are just temporary residents. All pickers, bags, and gloves will be provided. 35 UVA Students collected multiple bags of trash from the Corner area.	Runoff volume, runoff pollutants, TMDL pollutants, climate change education		Yes
RSEP	10/2/202 5	Rain Barrel Workshop at Starr Hill Downtown at James River Brewery in Scottsville	Join the James River Association and Rivanna Stormwater Education Partnership for a rain barrel workshop at James River Brewery in Scottsville on Thursday, October 4, at 6:00 pm. JRA staff instructed workshop participants on how to assemble and install rain barrels at home. 15 participants.	Runoff volume	Yes	Yes

RSEP	10/3/2025	Sean Tubbs Charlottesville Community Engagement Newsletter	Story about the Albemarle County Department of Facilities and Environmental Services discusses the MS4, sediment reductions related to street sweeping activities, Riverfest, and a mention that Albemarle County is a member of the Rivanna Stormwater Education Partnership, including a link to the website.	Runoff pollutants, TMDL pollutants	Yes	
RSEP	10/10/2025	Watershed Moments	Join the Rivanna Conservation Alliance at Light House Studio at Vinegar Hill Theatre on Friday, October 10th for WATERSHED MOMENTS, a free mini film festival celebrating the ways people connect to and are transformed by our local waterways. We will screen four films, “Headwaters Down,” “Reclaiming the River,” and two short student films. After the screenings, enjoy conversations with the filmmakers through a Q&A panel. Promotion of watershed connectivity and stormwater pollution prevention to the local community.	Runoff pollutants, TMDL pollutants	Yes	Yes

UVA/ RSEP	10/18/20 25	Invasive Plant Removal at Riverview Park	UVA Clean Water coordinated with RCA for invasive plant removal at Riverview Park (10:30am- 12:30pm). 9 participants.	Runoff volume, runoff pollutants, TMDL pollutants		Yes
UVA	10/19/20 25	Corner Clean Up	Join UVA Sustainability for the third Corner Cleanup of the semester! Participating in Corner Cleanup is a fun way to help keep our environment healthy and beautiful. Keeping litter off of our streets shows care for the local flora and fauna and respect for Charlottesville, where many of us are just temporary residents. All pickers, bags, and gloves will be provided. 35 UVA Students collected multiple bags of trash from the Corner area.	Runoff pollutants		Yes
UVA/ RSEP	10/23 - 10/24/20 25	UVA Center for Forest Urbanism symposium on “The Vision and Practice of Forest Urbanism,”	Lisa Whittenborn will be representing RCA on the “Forest Urbanism in Charlottesville” panel to talk about the Rivanna Forest Restoration Partnership and RCA’s work.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	

RSEP	10/25/20 25	Public Housing Association of Residents (PHAR) fall community event	Tabling at the 6th St Neighborhood housing for their fall community event. RCA tabled featuring water quality information, displays of water bugs related to water quality monitoring, RSEP FOG information, and Love Your Watershed magnets, stickers, and other giveaways.	Runoff volume, runoff pollutants, TMDL pollutants		
UVA	10/25/20 25	UVA participation in National Drug Take Back Day	UVA hosted a National Drug Take Back Day collecting 96.5 pounds of unused medications that will be safely disposed of, keeping them out of homes, water supplies, and communities.	Runoff pollutants		Yes
UVA	10/25/20 25	Invasive removal with UVA Landscaping at Gilmer Hall (between Gilmer and AFC)	16 members from CWWG participated, including 12 from Epsilon Eta	Runoff volume, runoff pollutants, TMDL pollutants		Yes

UVA/ RSEP	10/30/20 25	Halloween-themed stormwater PSA, posted to Instagram and Facebook.	PSA graphic message: "Nothing Spookier Than Trashing the Environment - Please keep litter out of our local streams!" Post caption: "Our watershed is haunted by the ghosts of plastic past! While Halloween is certainly a time to celebrate, keep our local streams in mind when you decide to litter your candy wrappers or leave behind a piece of your costume. Any and every piece of litter adds up, and contributes to pollution right here in Charlottesville. Please be mindful of your trash during these fun times!" Post shared on Instagram by UVA OFS and City of Charlottesville OFS. Received over 840 views.	Runoff pollutants	Yes	
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RSEP	Fall 2025	Fall 4th Grade Watershed Education Field Trips	TJSWCD hosted 6 days of watershed education field trips for Charlottesville City 4th graders (358 students and chaperones total), and 2 days of field trips for Albemarle County 4th graders (130 students and chaperones total) at Camp Albemarle during the fall of 2025. Activities included a Stream Study, Enviroscope Watershed Model, and a Nature Hike. On days with larger student attendance, a fourth station was held. Because some of the schools have a very large number of students, doubles of the stations were run as necessary. TJSWCD staff, Rivanna Master Naturalists, community volunteers, and RSEP partners worked to implement these trips. Virtual watershed education activities remain available on the TJSWCD website.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
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RSEP	Fall 2025	Watershed Experience Field Trips- Charlottesville Middle School 7th Grade	RCA provided field trips at Camp Albemarle for 250 7th graders from Buford Middle School (now Charlottesville Middle School). Students participated in meaningful watershed educational experiences. During three days of field trips, students looked for plants, animals, and more during a nature walk scavenger hunt; collected and identified benthic macroinvertebrates in the river; learned about food webs; and played a game of Macroinvertebrate Mayhem.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
UVA	11/2/2025	Corner Clean Up	Join UVA Sustainability the fourth Corner Cleanup of the semester! Participating in Corner Cleanup is a fun way to help keep our environment healthy and beautiful. Keeping litter off of our streets shows care for the local flora and fauna and respect for Charlottesville, where many of us are just temporary residents. All pickers, bags, and gloves will be provided. 55 UVA Students collected multiple bags of trash from the Corner area.	Runoff pollutants		Yes

RSEP	11/4/2025	RCA Educational Pop Up at Tonsler Park	Handed out RSEP love your watershed stickers and pet waste bags to over 40 local kids and adults	Runoff pollutants		Yes
UVA/ RSEP	11/5/2025	UVA Clean Water "Enjoy the Feast! Can the Grease!" Thanksgiving/holiday-themed PSA, posted to Instagram and Facebook.	Graphic shows 3-step process for properly disposing of cooking oil and grease. Excerpt from post caption: "When Fats, Oils, and Grease (FOG) are washed down the drain, it can cause blockages in your home and neighborhood sewer pipes. This results in messy and costly overflows. It's bad for homes, the environment, and public health. Please be mindful and follow these steps when disposing of oils or greases, especially around the holidays! Learn more how to properly dispose of FOG at the Service Authority website . Instagram post received over 380 views.	Runoff pollutants, TMDL pollutants	Yes	

UVA/ RSEP	11/13/20 25	Sustainability Blog Post on FOG Awareness	"Enjoy the Feast, Can the Grease: Simple Tips to Prevent Pipe Clogs". Blog post including timely messaging ahead of the holiday season when people are preparing large amounts of food. Blog provided link to a more detailed FOG prevention article on the Albemarle County Service Authority website . Blog posted to the UVA Sustainability website and e-newsletter.	Runoff pollutants, TMDL pollutants	Yes	
UVA/ RSEP	11/14/20 25	McIntire Day of Service	UVA McIntire School of Commerce students are in the business of improving our forests! Five students spent their November 14th Day of Service with RCA, removing invasive shrubs from Riverview Park.	Runoff pollutants		Yes

UVA	11/16/20 25	Corner Clean Up	Join UVA Sustainability, Kappa Delta Phi Sigma, and Sigma Omicron Pho for the fifth Corner Cleanup of the semester! Participating in Corner Cleanup is a fun way to help keep our environment healthy and beautiful. Keeping litter off of our streets shows care for the local flora and fauna and respect for Charlottesville, where many of us are just temporary residents. All pickers, bags, and gloves will be provided. 35 UVA Students collected multiple bags of trash from the Corner area.	Runoff pollutants		Yes
RSEP	11/19/20 25 - 11/26/20 25	Cville Weekly Ad	1/4 page ad in Cville weekly related to FOG related clog prevention with "think at the sink" messaging about what materials should not be put down the drain. 15,000 copies delivered to stores locally every Wednesday (plus online presence).	Runoff pollutants	Yes	
RSEP	11/20/20 25	TJPDC newsletter	Newsletter with posts about Charlottesville storm drain art contest, Enjoy the Feast, Can the Grease link to the UVA FOG awareness blog post, and the RSEP Rake it or Leaf it graphic. City, County, Community Newsletter recipients	Runoff pollutants, TMDL pollutants	Yes	

UVA/ RSEP	11/21/20 25	UVA Clean Water listserv posts	UVA Clean Water promoted the UVA FOG awareness blog post and Charlottesville storm drain art contest through their listserv (subscribers). The UVA Clean Water listserv has 536 subscribers.	Runoff pollutants, TMDL pollutants	Yes	
UVA/ RSEP	12/10/20 25 1/8/20 26 1/14/202 6 1/21/202 6 1/28/202 6 2/4/2026	UVA Arts newsletter promoted the City's storm drain art contest.	Newsletter included post about Charlottesville storm drain art contest. Excerpt from promotion: "[...] submit artwork communicating the theme, "Stormwater Pollution Prevention: Only Rain Down the Drain", for a chance to paint their design on one of three stormwater drain inlets. [...] These art installations will be a visual reminder of the interconnectedness between our daily actions and the health of the City's waterways. Designed to help engage, educate, and motivate the community to prevent pollutants from entering our local waterways through storm drains, this artwork will serve the community for years to come." UVA Arts newsletter has ~16,850 subscribers.	Runoff pollutants	Yes	

RSEP	12/9/2025 & 12/10/2025	Social Media Posts about Winter Salting. Posted by TJSWCD	Charlottesville and Albemarle County Audience. Messaging on "Tips for Smart Winter Salting" and "Be Smart About Winter Salting"	Runoff pollutants	Yes	
UVA/ RSEP	12/10/2025	UVA Sustainability newsletter promoted the City's storm drain art contest.	"Use your art to educate and inspire, reminding people to avoid putting harmful chemicals down storm drains because they flow into our streams and rivers." Educate newsletter recipients about storm drain pollution prevention through awareness via the newsletter. Also promotes the contest to increase likelihood of the contest ending up with a thoughtful and eye catching design that will further educate the local community.	Runoff pollutants	Yes	
UVA/ RSEP	1/17/2026	UVA Clean Water storm drain art promotion	UVA Clean Water promoted an Art Day event with art supplies provided to encourage submissions to the City's Storm Drain Art Contest. "Join us in the Art Room in the Student Health & Wellness building to create storm drain art. Contest winners will receive \$100! Art supplies will be provided!" Received over 385 views.	Runoff pollutants	Yes	

UVA	1/25/2026	UVA Clean Water social media post about safe salting	"A 12 oz coffee cup of salt is enough to treat a 20 ft driveway or 10 sidewalk squares." Received over 810 views.	Runoff pollutants	Yes	
UVA	2/8/2026	Corner Clean Up	Calling all interested students and student organizations! Help keep our community green and clean at the next Corner Cleanup. 49 UVA Students collected trash and 15 bags of recycling from the Corner area.	Runoff pollutants		Yes

UVA	2/20/202 6	Live Stakes Planting at Moven Sustainability Lab	31 volunteers met at the pond behind the Morven Kitchen Garden, part of the University of Virginia's Morven Sustainability Lab, in Charlottesville for a live stake planting workshop. 600 of the live stakes planted were Alder harvested on the property the day prior. Nicola shared how we can preserve the regional diversity of each site by harvesting and planting on the same property. Live stakes are the gift that keeps on giving – <u>by planting live stakes</u> , you are both supporting streambank stabilization and investing in regenerative plant material you can continue to utilize on your own property or to share with neighbors.	Runoff volume, runoff pollutants, TMDL pollutants		Yes
UVA	2/22/202 6	UVA Clean Water FB post about National Dog Walking Day and Picking up Pet Waste.	"Storm water carries bacteria from pet waste into streams and rivers directly through storm drains. Scoop the poop. Bag it and place it in the trash." Received over 330 views.	Runoff pollutants	Yes	

UVA	2/25/202 6	UVA Sustainability Newsletter promoted RSEP Participation at March Climate Café.	Join the City of Charlottesville and the Rivanna Stormwater Education Partnership on Friday, March 13 from 9:30 - 11 AM at the Bradbury Cafe. This monthly informal networking event is a great way to get informed and involved locally on various topics. Free event	Runoff pollutants	Yes	
RSEP	2/25/202 6	Green Drinks Charlottesville and Firefly social media posts for RSEP supported event	Green Drinks Charlottesville posted on social media about upcoming event featuring RSEP and highlighting the "Love Your Watershed" effort. Firefly, host of the venue, also made a similar post. Join us for our next event featuring the Rivanna Stormwater Education Partnership, which works to educate the community and engage individuals in actions that will protect and improve the waters of the Rivanna River Watershed.	Runoff pollutants	Yes	

RSEP	3/2/2026	City Newsflash promoting RSEP at Cville Green Drinks and Catch My Drip - Climate Café on Water Resources	<u>Promotional newsflash</u> sent to City residents and on the City website promoting upcoming RSEP events to encourage community attendance.	Runoff pollutants	Yes	
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RSEP	3/4/2026 & 3/6/2026	FrogWatch USA Volunteer Training- Central Virginia Chapter	The Thomas Jefferson Soil and Water Conservation District (TJSWCD) and the Rivanna Conservation Alliance (RCA) have partnered to form the Central Virginia Chapter of FrogWatch USA. FrogWatch USA is a nationwide citizen science program that supports wetland conservation by engaging communities in monitoring amphibian populations. Volunteers learn to identify and report local frog and toad calls, contributing valuable data to scientists and conservationists on environmental health. In the spring of 2026, the Central Virginia FrogWatch Chapter held 2 training sessions- 1 at the Fluvanna County Library (11 participants), and the other at the Greenwood Community Center in Albemarle County (29 participants).	Runoff pollutants, TMDL pollutants		Yes
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RSEP	3/11/202 6	Cville Green Drinks - RSEP featured event host	Community event at Firefly with representation from RSEP partners: City, County, TJSWCD, UVA, and RCA. Discussed water resources topics including stormwater pollution prevention. Had tabling materials, Love Your Watershed magnets, stickers, and other giveaways. Promoted the upcoming Climate Cafe event. Estimated 15 people attended	Runoff pollutants		Yes
RSEP	3/13/202 6	Catch my Drip: A Climate Cafe on Water Resources - RSEP featured event host	Hosted by the City at Bradbury Cafe. RSEP Partners also attended from County, TJSWCD, UVA, RCA, RWSA. Discussed water resources topics including stormwater pollution prevention. Had tabling materials, Love Your Watershed magnets, stickers, and other giveaways. Estimated 15 people attended	Runoff pollutants		Yes
UVA	3/15/202 6	Corner Clean Up	45 UVA Students collected trash and 32 bags of recycling from the Corner area.	Runoff pollutants		Yes

UVA	3/19/2022 6	UVA Sustainability Blog discussing the Engineer's Way Biofilter. Posted on Instagram and included in the Sustainability Newsletter.	In celebration of World Water Day, <u>UVA Sustainability</u> interviewed <u>Dawson Garrod</u> related to stormwater and water conservation efforts on UVA.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	
UVA	3/21/2022 6	Storm Drain Marker Installation and GIS tracking	Seven participants from UVA Clean Water group installed "No Dumping - Drains to Stream" markers at storm drains on grounds and recorded data for presence and condition of markers at storm drains in the online GIS map. Recorded marker data for over 60 storm drain locations.	Runoff pollutants		Yes
UVA	3/25/2022 6, 4/24/2022 6	Sustainability Newsletter promotion - drug take back event	Sustainability Newsletter promotion of upcoming UVA Prescription Drug Take Back Event. UVA Sustainability promotion of an event sponsored by UVA Health	Runoff pollutants	Yes	

UVA	4/1/2026 4/8/2026 4/15/2026 6 4/23/2026 6	UVA Sustainability promoting Earth Month calendar of events, including stream clean ups.	Promoted numerous Earth month events hosted by UVA and community organizations, including multiple stream cleanups, the Beta Bridge cleanup, prescription drug takeback event, community waste disposal days, eco fairs, and more on social media and newsletters.	Runoff volume, runoff pollutants, TMDL pollutants, climate change education	Yes	
UVA	4/6/2026	UVA Clean Water social media post	UVA Clean Water social media post promoting annual Beta Bridge Cleanup event. "Get excited for our annual event, the Beta Bridge Cleanup! On April 18th from 11 am to 1 pm, we will be removing trash from the area around the historic Beta Bridge, with Panera bagels provided! We hope to see everyone there to make a difference in our community! We will meet by the Westminster Presbyterian Church, in the south parking lot!" Received 2,097 views.	Runoff pollutants	Yes	
UVA	4/12/2026 6	Corner Clean Up	20 UVA Students collected trash and 14 bags of recycling from the Corner area.	Runoff pollutants		Yes

UVA	4/17/202 6	Morven Spring Mixer	Morven Sustainability Lab, UVA's Office for Sustainability, and UVA Dine invite you to join us for the first annual Morven Spring Mixer, a free Earth Month Celebration rooted in good food, good company, and the people growing a more sustainable UVA. Come hungry. Come curious. Come ready to grow. UVA Clean Water tabled with Love Your Watershed related outreach materials and UVA stormwater pollution prevention themed cornhole boards. 400 attendees	Runoff volume, runoff pollutants	Yes	
RSEP	4/18/202 6	Eco Fair 2026 at Botanical Garden of the Piedmont	On April 18, the Botanical Garden of the Piedmont and the City's Office of Sustainability will co-host an Eco Fair at the Garden beginning at 9 a.m. The event will bring together community members, advocates and nonprofits focused on climate, the environment, and sustainability. Visitors can enjoy lightning talks on a variety of topics, hands-on demonstrations and activities for all ages, and opportunities to take meaningful environmental action. Tabling by RSEP partners with Love Your Watershed magnets, stickers, and other giveaways.	Runoff volume, runoff pollutants, TMDL pollutants		Yes

UVA	4/18/2022 6	Beta Bridge Cleanup	Join the 9th Annual Beta Bridge Cleanup! Hosted by the student-led UVA Clean Water group, this event brings together friends, peers, and neighbors to help protect local streams. 30 volunteers collected 40 bags of trash. Found items included a printer, an air purifier tower fan, clothing, shoes	Runoff pollutants		Yes
UVA	4/19/2022 6	Corner Clean Up	55 UVA Students collected trash and 16 bags of recycling from the Corner area.	Runoff pollutants		Yes
UVA	4/22/2022 6	UVA Dine Earth Day Festival	Celebrate our planet with a fun-filled day outdoors at O-Hill Field! The Earth Day Festival is happening in person, packed with cool activities, music, and tasty eco-friendly snacks. Bring your friends to enjoy games, vendors, and lots of green vibes. Let's come together to honor Mother Earth! UVA Clean Water tabled with Love Your Watershed related outreach materials and UVA stormwater pollution prevention themed cornhole boards.	Runoff volume, runoff pollutants	Yes	

RSEP	4/23/202 6	Charlottesville rain barrel workshop at Starr Hill with James River Association	Every time it rains, stormwater carries nutrients from fertilizers, bacteria from pet waste, and chemicals from herbicides and pesticides from our homes to local waterways. Using a rain barrel at home is a way to reduce stormwater pollution and conserve water. Rainwater harvested by a rain barrel can be used to water gardens and landscapes. A single rain barrel can collect hundreds, even thousands of gallons of rainwater annually, save residents money on their water bills, and reduce stormwater utility fees in some localities too. Thursday April 24th at 6:00 pm. Starr Hill Downtown at the Dairy Market. 15 participants.	Runoff volume, runoff pollutants, TMDL pollutants		Yes
UVA	4/23/202 6	UVA Sustainability Newsletter	Promotion of various earth week events related to keeping stormwater clean including the UVA Prescription Drug Take Back Event, the Cville Rain Barrel Workshop at Starr Hill, Kid*Venture Family Science Festival, and advertisement of special solid waste collection events for appliances and tires.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	

UVA	4/24/2026	Paddle and Pick Up	In honor of Earth Week, enjoy a free kayak or paddleboard rental in exchange for briefly helping to clean up litter around Beaver Creek Reservoir.	Runoff pollutants		Yes
RSEP	Spring 2026	Spring 4th Grade Watershed Education Field Trips	TJSWCD hosted 14 days of watershed education field trips for Albemarle County 4th graders at Camp Albemarle during spring of 2026 (1,028 students and chaperones total). Activities included a Stream Study, Enviroscope Watershed Model, and a Nature Hike. On days with larger student attendance, a fourth station was held. Because some of the schools have a very large number of students, doubles of the stations were run as necessary. TJSWCD staff, Rivanna Master Naturalists, community volunteers, and RSEP partners worked to implement these trips. Virtual watershed education activities remain available on the TJSWCD website.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes

RSEP	Spring 2027	Watershed Experience Field Trips- Albemarle County 6th Grade	RCA hosted 13 days of watershed education field trips for Albemarle County 6th graders at Camp Albemarle, Preddy Creek Park, Walnut Creek Park, Journey Middle School, and Henley Middle School during spring of 2025 (1,104 students total). Activities included a Benthic Macroinvertebrate sampling activity, chemical water quality testing, and an ecosystem-based tag game.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
RSEP	4/25/202 6	Kid*Vention Annual Family Science Festival	Strap on your goggles and slip into your lab coat for Kid*Vention, the Virginia Discovery Museum's annual celebration of everything science! Every spring, this community event inspires children to explore the world around them with all their senses. Meet dozens of local exhibitors as you investigate biology, chemistry, environmental science, engineering, physics, zoology, and more through fun, hands-on demonstrations, experiments, and games. Tabling by RSEP partners with Love Your Watershed related outreach materials.	Runoff volume, runoff pollutants, TMDL pollutants		Yes

UVA	4/25/202 6	UVA Prescription Drug Take Back Event	To safely dispose of leftover prescription medications, <u>the University of Virginia will hold a free, drive-through prescription drug take-back event</u> at the UVA Health Education Resource Center (1240 Lee St.). Unused or unwanted prescription and over-the-counter medications may be dropped off with no questions asked.	Runoff pollutants		Yes
UVA/ RSEP	4/28/202 6	Promotion of 2026 Rivanna Riverfest on Social Media, Newsletters, etc.	Come to Rivanna Riverfest this Saturday to enjoy our beautiful river, visit with amazing local nonprofits and community groups, hear live music and much more! We hope to see you there!	Runoff pollutants	Yes	
RSEP	4/30/202 6	NBC 29 News Community Conversations	Promotion of Riverfest and Love Your Watershed by RSEP member on local TV station.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	

RSEP	5/2/2026	Piedmont Master Gardeners Native Plant sale	Join us for the annual Piedmont Master Gardeners plant sale! Featuring native plants, bulbs and tubers, herbs, ground covers, pollinators, perennials, drought-tolerant plants, houseplants, annuals, veggies, sun and shade plants, deer resistant plants, trees, shrubs, fruit, Green Elephant sale and more! Helpdesk and Information tables will be onsite. Pick up your soil test kits. Bring your problem plants, insects or gardening questions for advice from our experts. Bring your surplus plastic garden pots to be recycled. Tool sharpening available. LYW materials and Health Lawn brochures handed out	Runoff volume, runoff pollutants, TMDL pollutants		Yes
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UVA	5/7/2026	UVA Sustainability Newsletter promotion of Riverfest, as well as promotion of Household Hazardous Waste days (tires) at RWSA.	The Rivanna Riverfest, an annual, family-friendly and free community event, is this Saturday, May 9 2:30pm-9pm at the Rivanna River Company. Come discover environmental conservation, live music, river recreation, and educational opportunities. Rivanna Solid Waste Authority offers free disposal of tires on Saturday, May 9 8:30am-4pm at their Ivy location, 4576 Dick Woods Road.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	
RSEP	5/9/2026	RSEP Tabling at 2026 Rivanna Riverfest	Visitors to the RSEP table learned about stormwater issues such as runoff volume, runoff pollution, TMDL pollutants, & erosion, and practices that help prevent them. Interactive activities included an Enviroscape demonstration, Spin the Wheel water quality trivia, and stormwater cornhole. Estimated 800-1000 attendees.	Runoff volume, runoff pollutants, TMDL pollutants, climate change education	Yes	Yes

UVA	5/16-17/2026	Balloon Brigade at UVA Graduation	UVA Student Volunteers collect balloons from graduates for donation to the UVA Children's Hospital and to prevent release into the environment where they become litter and dangerous for wildlife.	Runoff pollutants	Yes	
UVA	6/8/2026	UVA Clean Water social media post for World Oceans Day	Graphic content : "From C'ville to the Bay to the Atlantic- our waters are connected. Reducing stormwater pollution here helps protect waterways downstream. Big or small, every action for clean water counts!" Caption : "World Oceans Day reminds us that our daily sidewalk actions have a far-reaching impact. When we all do our part, we can create a wave of positive change, protecting our waterways and oceans! Learn more at rivanna-stormwater.org and join the ripple effect."	Runoff pollutants	Yes	

UVA	6/11/202 6	Starr Hill Pathways Program.	RCA Camp for 7th-9th graders, education of future generation who may work in stormwater management related careers (10) Discussion of stormwater history, approach and requirements for UVA and site tour of the Dell stream daylighting, biofilters and retention pond.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
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UVA/ RSEP	12/10/20 251/8/20 26 1/14/202 6 1/21/202 6 1/28/202 6 2/4/2026	UVA Arts newsletter promoted the City's storm drain art contest.	Newsletter included post about Charlottesville storm drain art contest. Excerpt from promotion: "[...] submit artwork communicating the theme, "Stormwater Pollution Prevention: Only Rain Down the Drain", for a chance to paint their design on one of three stormwater drain inlets. [...] These art installations will be a visual reminder of the interconnectedness between our daily actions and the health of the City's waterways. Designed to help engage, educate, and motivate the community to prevent pollutants from entering our local waterways through storm drains, this artwork will serve the community for years to come." UVA Arts newsletter has ~16,850 subscribers.	Runoff pollutants	Yes	
RSEP	12/9/202 5 & 12/10/20 25	Social Media Posts about Winter Salting. Posted by TJSWCD	Charlottesville and Albemarle County Audience. Messaging on "Tips for Smart Winter Salting" and "Be Smart About Winter Salting"	Runoff pollutants	Yes	

UVA/ RSEP	12/10/20 25	UVA Sustainability newsletter promoted the City's storm drain art contest.	"Use your art to educate and inspire, reminding people to avoid putting harmful chemicals down storm drains because they flow into our streams and rivers." Educate newsletter recipients about storm drain pollution prevention through awareness via the newsletter. Also promotes the contest to increase likelihood of the contest ending up with a thoughtful and eye catching design that will further educate the local community.	Runoff pollutants	Yes	
UVA/ RSEP	1/17/202 6	UVA Clean Water storm drain art promotion	UVA Clean Water promoted an Art Day event with art supplies provided to encourage submissions to the City's Storm Drain Art Contest. "Join us in the Art Room in the Student Health & Wellness building to create storm drain art. Contest winners will receive \$100! Art supplies will be provided!" Received over 385 views.	Runoff pollutants	Yes	
UVA	1/25/202 6	UVA Clean Water social media post about safe salting	"A 12 oz coffee cup of salt is enough to treat a 20 ft driveway or 10 sidewalk squares." Received over 810 views.	Runoff pollutants	Yes	

UVA	2/8/2026	Corner Clean Up	Calling all interested students and student organizations! Help keep our community green and clean at the next Corner Cleanup. 49 UVA Students collected trash and 15 bags of recycling from the Corner area.	Runoff pollutants		Yes
UVA	2/20/2026	Live Stakes Planting at Morven Sustainability Lab	31 volunteers met at the pond behind the Morven Kitchen Garden, part of the University of Virginia's Morven Sustainability Lab, in Charlottesville for a live stake planting workshop. 600 of the live stakes planted were Alder harvested on the property the day prior. Nicola shared how we can preserve the regional diversity of each site by harvesting and planting on the same property. Live stakes are the gift that keeps on giving – <u>by planting live stakes</u> , you are both supporting streambank stabilization and investing in regenerative plant material you can continue to utilize on your own property or to share with neighbors.	Runoff volume, runoff pollutants, TMDL pollutants		Yes

UVA	2/22/202 6	UVA Clean Water FB post about National Dog Walking Day and Picking up Pet Waste.	"Storm water carries bacteria from pet waste into streams and rivers directly through storm drains. Scoop the poop. Bag it and place it in the trash." Received over 330 views.	Runoff pollutants	Yes	
UVA	2/25/202 6	UVA Sustainability Newsletter promoted RSEP Participation at March Climate Café.	Join the City of Charlottesville and the Rivanna Stormwater Education Partnership on Friday, March 13 from 9:30 - 11 AM at the Bradbury Cafe. This monthly informal networking event is a great way to get informed and involved locally on various topics. Free event	Runoff pollutants	Yes	

RSEP	2/25/2026	Green Drinks Charlottesville and Firefly social media posts for RSEP supported event	Green Drinks Charlottesville posted on social media about upcoming event featuring RSEP and highlighting the "Love Your Watershed" effort. Firefly, host of the venue, also made a similar post. Join us for our next event featuring the Rivanna Stormwater Education Partnership, which works to educate the community and engage individuals in actions that will protect and improve the waters of the Rivanna River Watershed.	Runoff pollutants	Yes	
RSEP	3/2/2026	City Newsflash promoting RSEP at Cville Green Drinks and Catch My Drip - Climate Café on Water Resources	<u>Promotional newsflash</u> sent to City residents and on the City website promoting upcoming RSEP events to encourage community attendance.	Runoff pollutants	Yes	

RSEP	3/4/2026 & 3/6/2026	FrogWatch USA Volunteer Training- Central Virginia Chapter	The Thomas Jefferson Soil and Water Conservation District (TJSWCD) and the Rivanna Conservation Alliance (RCA) have partnered to form the Central Virginia Chapter of FrogWatch USA. FrogWatch USA is a nationwide citizen science program that supports wetland conservation by engaging communities in monitoring amphibian populations. Volunteers learn to identify and report local frog and toad calls, contributing valuable data to scientists and conservationists on environmental health. In the spring of 2026, the Central Virginia FrogWatch Chapter held 2 training sessions- 1 at the Fluvanna County Library (11 participants), and the other at the Greenwood Community Center in Albemarle County (29 participants).	Runoff pollutants, TMDL pollutants		Yes
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RSEP	3/11/202 6	Cville Green Drinks - RSEP featured event host	Community event at Firefly with representation from RSEP partners: City, County, TJSWCD, UVA, and RCA. Discussed water resources topics including stormwater pollution prevention. Had tabling materials, Love Your Watershed magnets, stickers, and other giveaways. Promoted the upcoming Climate Cafe event. Estimated 15 people attended	Runoff pollutants		Yes
RSEP	3/13/202 6	Catch my Drip: A Climate Cafe on Water Resources - RSEP featured event host	Hosted by the City at Bradbury Cafe. RSEP Partners also attended from County, TJSWCD, UVA, RCA, RWSA. Discussed water resources topics including stormwater pollution prevention. Had tabling materials, Love Your Watershed magnets, stickers, and other giveaways. Estimated 15 people attended	Runoff pollutants		Yes
UVA	3/15/202 6	Corner Clean Up	45 UVA Students collected trash and 32 bags of recycling from the Corner area.	Runoff pollutants		Yes

UVA	3/19/2022 6	UVA Sustainability Blog discussing the Engineer's Way Biofilter. Posted on Instagram and included in the Sustainability Newsletter.	In celebration of World Water Day, <u>UVA Sustainability</u> interviewed <u>Dawson Garrod</u> related to stormwater and water conservation efforts on UVA.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	
UVA	3/21/2022 6	Storm Drain Marker Installation and GIS tracking	Seven participants from UVA Clean Water group installed "No Dumping - Drains to Stream" markers at storm drains on grounds and recorded data for presence and condition of markers at storm drains in the online GIS map. Recorded marker data for over 60 storm drain locations.	Runoff pollutants		Yes
UVA	3/25/2022 6, 4/24/2022 6	Sustainability Newsletter promotion - drug take back event	Sustainability Newsletter promotion of upcoming UVA Prescription Drug Take Back Event. UVA Sustainability promotion of an event sponsored by UVA Health	Runoff pollutants	Yes	

UVA	4/1/2026 4/8/2026 4/15/2026 6 4/23/2026 6	UVA Sustainability promoting Earth Month calendar of events, including stream clean ups.	Promoted numerous Earth month events hosted by UVA and community organizations, including multiple stream cleanups, the Beta Bridge cleanup, prescription drug takeback event, community waste disposal days, eco fairs, and more on social media and newsletters.	Runoff volume, runoff pollutants, TMDL pollutants, climate change education	Yes	
UVA	4/6/2026	UVA Clean Water social media post	UVA Clean Water social media post promoting annual Beta Bridge Cleanup event. "Get excited for our annual event, the Beta Bridge Cleanup! On April 18th from 11 am to 1 pm, we will be removing trash from the area around the historic Beta Bridge, with Panera bagels provided! We hope to see everyone there to make a difference in our community! We will meet by the Westminster Presbyterian Church, in the south parking lot!" Received 2,097 views.	Runoff pollutants	Yes	
UVA	4/12/2026 6	Corner Clean Up	20 UVA Students collected trash and 14 bags of recycling from the Corner area.	Runoff pollutants		Yes

UVA	4/17/202 6	Morven Spring Mixer	Morven Sustainability Lab, UVA's Office for Sustainability, and UVA Dine invite you to join us for the first annual Morven Spring Mixer, a free Earth Month Celebration rooted in good food, good company, and the people growing a more sustainable UVA. Come hungry. Come curious. Come ready to grow. UVA Clean Water tabled with Love Your Watershed related outreach materials and UVA stormwater pollution prevention themed cornhole boards. 400 attendees	Runoff volume, runoff pollutants	Yes	
RSEP	4/18/202 6	Eco Fair 2026 at Botanical Garden of the Piedmont	On April 18, the Botanical Garden of the Piedmont and the City's Office of Sustainability will co-host an Eco Fair at the Garden beginning at 9 a.m. The event will bring together community members, advocates and nonprofits focused on climate, the environment, and sustainability. Visitors can enjoy lightning talks on a variety of topics, hands-on demonstrations and activities for all ages, and opportunities to take meaningful environmental action. Tabling by RSEP partners with Love Your Watershed magnets, stickers, and other giveaways.	Runoff volume, runoff pollutants, TMDL pollutants		Yes

UVA	4/18/2022 6	Beta Bridge Cleanup	Join the 9th Annual Beta Bridge Cleanup! Hosted by the student-led UVA Clean Water group, this event brings together friends, peers, and neighbors to help protect local streams. 30 volunteers collected 40 bags of trash. Found items included a printer, an air purifier tower fan, clothing, shoes	Runoff pollutants		Yes
UVA	4/19/2022 6	Corner Clean Up	55 UVA Students collected trash and 16 bags of recycling from the Corner area.	Runoff pollutants		Yes
UVA	4/22/2022 6	UVA Dine Earth Day Festival	Celebrate our planet with a fun-filled day outdoors at O-Hill Field! The Earth Day Festival is happening in person, packed with cool activities, music, and tasty eco-friendly snacks. Bring your friends to enjoy games, vendors, and lots of green vibes. Let's come together to honor Mother Earth! UVA Clean Water tabled with Love Your Watershed related outreach materials and UVA stormwater pollution prevention themed cornhole boards.	Runoff volume, runoff pollutants	Yes	

RSEP	4/23/202 6	Charlottesville rain barrel workshop at Starr Hill with James River Association	Every time it rains, stormwater carries nutrients from fertilizers, bacteria from pet waste, and chemicals from herbicides and pesticides from our homes to local waterways. Using a rain barrel at home is a way to reduce stormwater pollution and conserve water. Rainwater harvested by a rain barrel can be used to water gardens and landscapes. A single rain barrel can collect hundreds, even thousands of gallons of rainwater annually, save residents money on their water bills, and reduce stormwater utility fees in some localities too. Thursday April 24th at 6:00 pm. Starr Hill Downtown at the Dairy Market. 15 participants.	Runoff volume, runoff pollutants, TMDL pollutants		Yes
UVA	4/23/202 6	UVA Sustainability Newsletter	Promotion of various earth week events related to keeping stormwater clean including the UVA Prescription Drug Take Back Event, the Cville Rain Barrel Workshop at Starr Hill, Kid*Venture Family Science Festival, and advertisement of special solid waste collection events for appliances and tires.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	

UVA	4/24/2026	Paddle and Pick Up	In honor of Earth Week, enjoy a free kayak or paddleboard rental in exchange for briefly helping to clean up litter around Beaver Creek Reservoir.	Runoff pollutants		Yes
RSEP	Spring 2026	Spring 4th Grade Watershed Education Field Trips	TJSWCD hosted 14 days of watershed education field trips for Albemarle County 4th graders at Camp Albemarle during spring of 2026 (1,028 students and chaperones total). Activities included a Stream Study, Enviroscope Watershed Model, and a Nature Hike. On days with larger student attendance, a fourth station was held. Because some of the schools have a very large number of students, doubles of the stations were run as necessary. TJSWCD staff, Rivanna Master Naturalists, community volunteers, and RSEP partners worked to implement these trips. Virtual watershed education activities remain available on the TJSWCD website.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes

RSEP	Spring 2027	Watershed Experience Field Trips- Albemarle County 6th Grade	RCA hosted 13 days of watershed education field trips for Albemarle County 6th graders at Camp Albemarle, Preddy Creek Park, Walnut Creek Park, Journey Middle School, and Henley Middle School during spring of 2025 (1,104 students total). Activities included a Benthic Macroinvertebrate sampling activity, chemical water quality testing, and an ecosystem-based tag game.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
RSEP	4/25/2026	Kid*Vention Annual Family Science Festival	Strap on your goggles and slip into your lab coat for Kid*Vention, the Virginia Discovery Museum's annual celebration of everything science! Every spring, this community event inspires children to explore the world around them with all their senses. Meet dozens of local exhibitors as you investigate biology, chemistry, environmental science, engineering, physics, zoology, and more through fun, hands-on demonstrations, experiments, and games. Tabling by RSEP partners with Love Your Watershed related outreach materials.	Runoff volume, runoff pollutants, TMDL pollutants		Yes

UVA	4/25/202 6	UVA Prescription Drug Take Back Event	To safely dispose of leftover prescription medications, <u>the University of Virginia will hold a free, drive-through prescription drug take-back event</u> at the UVA Health Education Resource Center (1240 Lee St.). Unused or unwanted prescription and over-the-counter medications may be dropped off with no questions asked.	Runoff pollutants		Yes
UVA/ RSEP	4/28/202 6	Promotion of 2026 Rivanna Riverfest on Social Media, Newsletters, etc.	Come to Rivanna Riverfest this Saturday to enjoy our beautiful river, visit with amazing local nonprofits and community groups, hear live music and much more! We hope to see you there!	Runoff pollutants	Yes	
RSEP	4/30/202 6	NBC 29 News Community Conversations	Promotion of Riverfest and Love Your Watershed by RSEP member on local TV station.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	

RSEP	5/2/2026	Piedmont Master Gardeners Native Plant sale	Join us for the annual Piedmont Master Gardeners plant sale! Featuring native plants, bulbs and tubers, herbs, ground covers, pollinators, perennials, drought-tolerant plants, houseplants, annuals, veggies, sun and shade plants, deer resistant plants, trees, shrubs, fruit, Green Elephant sale and more! Helpdesk and Information tables will be onsite. Pick up your soil test kits. Bring your problem plants, insects or gardening questions for advice from our experts. Bring your surplus plastic garden pots to be recycled. Tool sharpening available. LYW materials and Health Lawn brochures handed out	Runoff volume, runoff pollutants, TMDL pollutants		Yes
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UVA	5/7/2026	UVA Sustainability Newsletter promotion of Riverfest, as well as promotion of Household Hazardous Waste days (tires) at RWSA.	The Rivanna Riverfest, an annual, family-friendly and free community event, is this Saturday, May 9 2:30pm-9pm at the Rivanna River Company. Come discover environmental conservation, live music, river recreation, and educational opportunities. Rivanna Solid Waste Authority offers free disposal of tires on Saturday, May 9 8:30am-4pm at their Ivy location, 4576 Dick Woods Road.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	
RSEP	5/9/2026	RSEP Tabling at 2026 Rivanna Riverfest	Visitors to the RSEP table learned about stormwater issues such as runoff volume, runoff pollution, TMDL pollutants, & erosion, and practices that help prevent them. Interactive activities included an Enviroscape demonstration, Spin the Wheel water quality trivia, and stormwater cornhole. Estimated 800-1000 attendees.	Runoff volume, runoff pollutants, TMDL pollutants, climate change education	Yes	Yes

UVA	5/16-17/2026	Balloon Brigade at UVA Graduation	UVA Student Volunteers collect balloons from graduates for donation to the UVA Children's Hospital and to prevent release into the environment where they become litter and dangerous for wildlife.	Runoff pollutants	Yes	
UVA	6/8/2026	UVA Clean Water social media post for World Oceans Day	Graphic content : "From C'ville to the Bay to the Atlantic- our waters are connected. Reducing stormwater pollution here helps protect waterways downstream. Big or small, every action for clean water counts!" Caption : "World Oceans Day reminds us that our daily sidewalk actions have a far-reaching impact. When we all do our part, we can create a wave of positive change, protecting our waterways and oceans! Learn more at rivanna-stormwater.org and join the ripple effect."	Runoff pollutants	Yes	

UVA	6/11/202 6	Starr Hill Pathways Program.	RCA Camp for 7th-9th graders, education of future generation who may work in stormwater management related careers (10) Discussion of stormwater history, approach and requirements for UVA and site tour of the Dell stream daylighting, biofilters and retention pond.	Runoff volume, runoff pollutants, TMDL pollutants	Yes	Yes
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UVA/ RSEP	12/10/20 251/8/20 26 1/14/202 6 1/21/202 6 1/28/202 6 2/4/2026	UVA Arts newsletter promoted the City's storm drain art contest.	Newsletter included post about Charlottesville storm drain art contest. Excerpt from promotion: "[...] submit artwork communicating the theme, "Stormwater Pollution Prevention: Only Rain Down the Drain", for a chance to paint their design on one of three stormwater drain inlets. [...] These art installations will be a visual reminder of the interconnectedness between our daily actions and the health of the City's waterways. Designed to help engage, educate, and motivate the community to prevent pollutants from entering our local waterways through storm drains, this artwork will serve the community for years to come." UVA Arts newsletter has ~16,850 subscribers.	Runoff pollutants	Yes	
RSEP	12/9/202 5 & 12/10/20 25	Social Media Posts about Winter Salting. Posted by TJSWCD	Charlottesville and Albemarle County Audience. Messaging on "Tips for Smart Winter Salting" and "Be Smart About Winter Salting"	Runoff pollutants	Yes	

High-Priority Stormwater Issues = Runoff Volume, Runoff Pollutants, TMDL Pollutants. Events providing climate change related education will be noted in the high-priority stormwater issues column

Appendix B - Reportable Illicit Discharges

Table B. Reportable Illicit Discharges or Spills

Date of Incident/ Date IDDE Discovered: 1/12/2026

Results of Investigation (conditions, nature of IDDE, situation when arrive on site, efforts to find source, was source identified): Sanitary sewer overflow (SSO) due to blockage discovered in vegetated area west of Runk Dining. Release seemed largely contained by silt fence installed 5 feet downgradient with a natural drainage swale and woods/underbrush beyond. Inspection of the closest available area (30 ft away) showed no evidence of impact.

Follow Up Efforts and Resolution (how source was eliminated, follow up efforts to prevent recurrence, site revisitation, etc.): A contracted vac truck cleaned up the release and jetted the line to restore function. Lime applied to the immediate area. A camera inspection will be performed later in the week to determine if additional maintenance needed.

Date of Closure – (education may be ongoing): 1/13/2026

Resulted in Reportable Release to MS4? If yes, list report recipients (i.e. DEQ): No release to the MS4, but all SSOs are reportable.

If located at a high-priority facility, was a SWPPP modification needed?: NA

Who Reported the Incident or IDDE to ER?: UVA Utilities

Date of Incident/ Date IDDE Discovered: 4/2/2026 - 4/3/26

Results of Investigation (conditions, nature of IDDE, situation when arrive on site, efforts to find source, was source identified): Discolored water was noted in the forebay in front of the Hotel on Ivy Corridor. No known spills on the project site

or the adjacent construction site. No maintenance activities at the baseball stadium just upstream either. Power washing with warm water only was just completed 4/1. No clear understanding of volume as it has mixed with stream discharge. Valve closed at the pond bypass to prevent any discharge to the storm system. Tested pH is 6.5.

Follow Up Efforts and Resolution (how source was eliminated, follow up efforts to prevent recurrence, site revisitation, etc.): Returned the next day and streams on site and off site shows no visual impacts to wildlife. No odors were noted and the water was clear. After conducting downstream and upstream investigation, the environmental scientists within ER made visual observations in the initial forebay on the west end of the Ivy stream corridor that align with seasonal turnover processes. These processes may be the cause of the green coloration (algal activity) and cloudiness (turbidity). The turnover process was likely strengthened by flow being reintroduced to the stream system late last week. Landscapers used water in the forebay for irrigation, further reducing the discoloration. Bypass valve opened. No further investigation.

Date of Closure – (education may be ongoing): 4/3/2026

Resulted in Reportable Release to MS4? If yes, list report recipients (i.e. DEQ): Yes, DEQ

If located at a high-priority facility, was a SWPPP modification needed?: NA

Who Reported the Incident or IDDE to ER?: Meghan Buschi, UVA FM

Date of Incident/ Date IDDE Discovered: 5/20/2026

Results of Investigation (conditions, nature of IDDE, situation when arrive on site, efforts to find source, was source identified): Fish kill reported in the stream in front of the Ivy Guesthouse. No illicit discharge observed. The temperatures

outside the day of the event and the preceding days were suddenly hotter than normal and the subsequent rise in water temperature may have contributed to the event.

Follow Up Efforts and Resolution (how source was eliminated, follow up efforts to prevent recurrence, site revisitation, etc.): DEQ called to investigate, document the event, and take samples of the water quality. DEQ arrived the following day and took water chemistry samples, which were normal. DEQ also took samples to determine if the cause was a harmful algae bloom (HAB); over the summer DEQ posted that algae toxin concentrations were below advisory thresholds.

Date of Closure – (education may be ongoing): 5/22/2026 (received DEQ report);

Resulted in Reportable Release to MS4? If yes, list report recipients (i.e. DEQ): No release to MS4 observed, but reported fish kill to DEQ.

If located at a high-priority facility, was a SWPPP modification needed?: NA

Who Reported the Incident or IDDE to ER?: Meghan Buschi, UVA FM

Appendix C - Training Completed

Training Completed

UVA updates and maintains a training plan as needed to provide applicable staff with necessary training on IDDE, good housekeeping, pollution prevention, spill prevention, environmental awareness, SOPs, high priority SWPPPs, and other required training. Training is provided to appropriate staff at least once every 24 months and is reviewed for appropriateness. UVA ER and FM retain copies of FM training records, including the number of employees, the date, and the type of training for three years except for training provided to the PD and EHS. The PD and EHS maintain their own training records. The training program is an appendix to the MS4 Program Plan. Training records are saved on UVA servers and are available on request.

Table C. Training Completed

Completion Date	Applicable Department	Total Trained	Objectives and Good Housekeeping Procedures Covered
Nov 11, 12, 14, 21 and Dec 3, 2025	FM - Heat Plant	36	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties, MHP SWPPP
4/2/2026	FM - Chiller Plants	14	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
4/13/2026	FM - Power and Light	17	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties, FM Yard SWPPP
2/24/26	FM - Utilities	23	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties, FM Yard SWPPP
2/9/2026	FM - Landscape, FM - Recycling	67	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties, FM Yard SWPPP , Recycle Sort Facility SWPPP
2/17/2026	FM - Zone Maintenance - Central	32	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties

Completion Date	Applicable Department	Total Trained	Objectives and Good Housekeeping Procedures Covered
2/5/2026	FM - Zone Maintenance - Housing	32	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties, FM Yard SWPPP
2/25/2026	FM - Zone Maintenance - McCormick	25	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
1/21/2026	FM - Zone Maintenance - Newcomb	18	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/27/2026	FM - Zone Maintenance - West Grounds	20	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties, FM Yard SWPPP
2/18/2026	FM - Zone Maintenance - North Grounds	17	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
1/15/2026	Housing - Operations	3	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/12/2026	FM - HSPP Maintenance Zone 1 North	12	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/26/2026	FM - HSPP Maintenance Zone 1 North - Shift	6	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties

Completion Date	Applicable Department	Total Trained	Objectives and Good Housekeeping Procedures Covered
2/17/2026	FM - HSPP Maintenance Zone 1 South	32	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
3/5/2026	FM - HSPP Maintenance Zone 2	33	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/10/2026	FM - HSPP Maintenance Zone 3	23	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/4/2026	FM - HSPP Maintenance Zone 4	14	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/11/2026	FM - HSPP Maintenance Zone 4 - Fontaine	11	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
1/22/2026	Athletics - Operations	20	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/11/2026	John Paul Jones Arena - Operations	16	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
1/23/2026	Athletics - Recreation Operations	14	Sewer types, IDDE and prevention, pollution prevention best practices, SPCC spill response, SOPs applicable to job area and duties
2/9/2026	FM - Capital Construction and Renovation - CAMs	12	Sewer types, IDDE and prevention, general spill response, SOPs applicable to job area and duties, E&SC, VSMP, and construction pollution prevention best practices

Completion Date	Applicable Department	Total Trained	Objectives and Good Housekeeping Procedures Covered
2/23/2026	FM - Capital Construction and Renovation - Academic	12	Sewer types, IDDE and prevention, general spill response, SOPs applicable to job area and duties, E&SC, VSMP, and construction pollution prevention best practices
4/12/2026	FM - Capital Construction and Renovation - HS	5	Sewer types, IDDE and prevention, general spill response, SOPs applicable to job area and duties, E&SC, VSMP, and construction pollution prevention best practices
1/27/2026	FM - Capital Construction and Renovation - Capital Construction Team	8	Sewer types, IDDE and prevention, general spill response, SOPs applicable to job area and duties, E&SC, VSMP, and construction pollution prevention best practices
3/18/2026	FM - Construction and Renovation Services – Academic, UVA Health	22	Sewer types, IDDE and prevention, general spill response, SOPs applicable to job area and duties, E&SC and construction pollution prevention best practices
1/30/2026	FM - Renewal & Renovation	8	Sewer types, IDDE and prevention, general spill response, SOPs applicable to job area and duties, E&SC, and construction pollution prevention best practices
Spring 2026	HAZWOPER Training (EHS and ER)	13	8-hour HAZWOPER refresher training
Various	University Police Department	23	Review and sign UVA Police Policy E-54.0 (Hazardous Material Response) between 7/1/25 and 6/30/2026

Appendix D - High-Priority Facility Evaluation

High-Priority Facility Evaluation

"High-priority facilities" means facilities owned or operated by the permittee with drainage to any permitted MS4 that actively engage in one or more of the following activities: (i) composting; (ii) equipment storage, cleaning, and maintenance; (iii) long-term bulk materials storage; (iv) pesticide, herbicide, and fertilizer storage; (v) recycling; (vi) anti-icing and deicing agent storage, handling, and transfer; (vii) solid waste handling and transfer, and (viii) permittee owned or operated vehicle washing, maintenance, and salvage.

All UVA Stormwater Pollution Prevention Plans can be viewed at the [Environmental Resources website](#).

High-priority facilities and whether other facilities should be considered high-priority facilities are evaluated at least annually. Unless otherwise noted below, no new facilities nor the need for changes to existing facilities were identified during the evaluation for this permit year.

Table D. Evaluation of Potential High-Priority Facilities at UVA

Permit Requirement	Site: FM Yard	Site: Recycle Sort Facility	Site: Main Heat Plant	Site: Copeley Substation
Areas where residuals from using, storing, or cleaning machinery or equipment remain and are exposed to stormwater	Present	Not Present	Present	Not Present
Materials or residuals on the ground or in stormwater inlets from spills or leaks;	Present	Present	Present	Not Present

Permit Requirement	Site: FM Yard	Site: Recycle Sort Facility	Site: Main Heat Plant	Site: Copeley Substation
Materials or products that would be expected to be mobilized in stormwater runoff during loading or unloading or transporting activities (e.g., rock, salt, fill dirt);	Present	Present	Present	Not Present
Materials or products stored outdoors (except final products intended for outside use where exposure to stormwater does not result in the discharge of pollutants);	Present	Present	Not Present	Present
Materials or products that would be expected to be mobilized in stormwater runoff contained in open, deteriorated, or leaking storage drums, barrels, tanks, and similar containers;	Not Present	Not Present	Not Present	Not Present
Waste material except waste in covered, nonleaking containers (e.g., dumpsters);	Present	Present	Present	Not Present
Application or disposal of process wastewater (unless otherwise permitted);	Not Present	Not Present	Not Present	Not Present

Permit Requirement	Site: FM Yard	Site: Recycle Sort Facility	Site: Main Heat Plant	Site: Copeley Substation
Particulate matter or visible deposits of residuals from roof stacks, vents, or both not otherwise regulated (i.e., under an air quality control permit) and evident in the stormwater runoff;	Present	Not Present	Present	Not Present
SWPPP Required?	Yes, SWPPP Required	Yes, SWPPP Required	Yes, SWPPP Required	SWPPP Not Required
Rationale for why SWPPP is or is not required	Salt/sand storage and spreader storage, landscape T-shed storage, wash bay, and number of vehicles stored on site.	Recyclable materials are waste and stored in large quantities, even if under cover.	Historic number of large spills and potential for releases to air. Long term bulk materials storage and handling of coal ash.	Not a high-priority facility. Equipment stored here designed for outdoor use.

Appendix E - Local TMDL Action Plans Applicable to UVA

TMDLs Applicable to UVA

Action Plans for the following applicable TMDLs and associated documents are available by emailing [Environmental Resources](#). Updates to applicable local TMDL action plans will be provided to DEQ with each annual report. The Action Plan for the Chesapeake Bay TMDL and associated annual report are maintained as separate documents as required by the permit regulations. A list of all available TMDL documents is available on the [Environmental Resources website](#).

Table E. TMDLs Applicable to UVA and Associated Action Plan Updates

TMDL	Date of Action Plan/Most Recent Update
Chesapeake Bay *	October 2024 (Revised April 2025)
Rivanna River Combined Benthic and Bacteria	May 2025
Moore's Creek, Lodge Creek, Meadow Creek, and Schenks Branch Sediment	May 2025

*Action plan and annual report are maintained separately.

Part I D 5 and Part II B 11

2025-2026 Local TMDL Updates

Rivanna TMDL – Sediment

No new BMPs were installed within the regulated MS4 boundary during the reporting period, but 4,000 pounds of sediment reduction credits were purchased from the City of Charlottesville that contributed reductions for the benthic TMDL. These credits were generated from their recent Schenks Branch Tributary stream restoration project. Schenks Branch is within the Rivanna River watershed. This credit purchase completes the pollutant reductions necessary to achieve the wasteload allocation assigned to UVA.

Rivanna TMDL – Bacteria

UVA continued to partner with the Rivanna Conservation Alliance to facilitate the stormwater quality monitoring program which includes monthly E. coli sampling from March to November and testing using the Colilert® Method from 5 locations draining the UVA Grounds. If significant E. coli levels are measured after dry weather sampling, a field investigation is conducted and resampling performed. When analyzing the weather surrounding the sampling dates, it was observed that spikes were seen when samples were taken immediately following a large storm event which had been preceded by prolonged periods of non-runoff producing events or dry weather.

Moore's Creek, Lodge Creek, Meadow Creek, and Schenks Branch TMDL – Sediment

No new BMPs were installed within the regulated MS4 boundary during the reporting period but 4,000 pounds of sediment reduction credits were purchased from the City of Charlottesville that contributed reductions for this TMDL. These credits were generated from their recent Schenks Branch Tributary stream restoration project which satisfies all of UVA's sediment reduction requirements for Schenks Branch.

Updates Related to All TMDLs

For all aforementioned TMDL Action Plans, BMPs reported in annual report MCMs 1-6 also serve to make progress toward plan goals. The use of each MCM toward achieving TMDL Action Plan goals is specifically discussed in the individual TMDL action plans as “BMPs designed to reduce the pollutants of concern.” For example, many education and engagement efforts listed in MCMs 1 and 2 and detailed in Appendix A are also listed in the individual TMDL Action Plans as part of a comprehensive effort towards reducing the TMDL pollutants. As previously noted in the MS4 Annual Report, TMDL pollutants are identified in the MS4 Program Plan as one of the high-priority stormwater issues. IDDE programs discussed in MCM 3 serve as a potential early indicator for TMDL pollutants caused by illicit discharges. Efforts described in MCMs 4 and 5 related to construction site monitoring and BMP maintenance are listed in the TMDL Action Plan as part of ongoing programmatic efforts to reduce sediment runoff from land disturbing activities. Municipal good housekeeping activities, including establishment of site specific SWPPPs and associated SOPs to prevent pollution, as well as the training programs described in MCM 6 serve as routine practices for helping to ensure staff are aware of how to perform their job duties in ways that minimize impacts to stormwater runoff. UVA continues to review and align BMPs required by the MS4 Permit MCMs with TMDL Action Plans to ensure daily operations are working towards achievement of local water quality goals.

Local TMDL Anticipated End Dates

The University of Virginia is a permittee under the Small MS4 General Permit (GP), effective 2023-2028 (VAR040073).

Pertinent Permit Requirement - Part II.B.6.d

Part II.B.6.d of the 2023 Small MS4 GP states that: “No later than 36 months after the effective date of this permit, the permittee shall submit to the department an update on the progress made toward achieving local TMDL action plan goals and the anticipated end dates by which the permittee will meet each wasteload allocation for sediment, phosphorus, or nitrogen. The proposed end date may be developed in accordance with Part II B 3.”

Applicable TMDLs:

UVA has prepared action plans for the following local TMDLs:

1. Rivanna TMDL (Benthic and Bacteria)
2. Moores Creek, Lodge Creek, Meadow Creek, and Schenks Branch TMDL (Sediment)

These plans have been approved by DEQ.

Anticipated End Dates:

As discussed in Appendix E of the MS4 permit annual report, UVA has taken significant steps to implement these action plans. Our calculations indicate that UVA has completed the pollutant reductions necessary to achieve the wasteload allocations (WLAs) assigned to UVA for the benthic TMDLs for the Rivanna River and Schenks Branch.

The University anticipates that it will take up to approximately 45 years to meet the remaining applicable sediment WLAs. This estimate is based on an average implementation schedule. The actual amount of time that will be needed in the future to implement BMPs is unknown,

and the amount of time for implementation activities to result in water quality standards compliance is also unknown.

There are a number of factors that made the determination of an anticipated end date difficult to estimate. These factors include:

- 1) water model evolution as new data becomes available and associated pollutant loading changes for land uses,
- 2) continued research improvements on BMP effectiveness and associated changes to approved efficiencies,
- 3) impacts of climate change and the relationship with BMP requirements, and
- 4) unknown budgetary impacts including the future addition of additional TMDL obligations.

We will review and continue to refine our anticipated end date estimates during future action plan updates.