

Virginia State University
MS-4 Permit: VAR040119
July 1, 2023 - June 30, 2024 Annual Report



Prepared for
Virginia State University
Capital Outlay & Facilities Management
PO Box 9414
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October 1, 2024

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Appendices

- MCM 1: Activity 1: Education Sign at BMP #46
Activity 2: Digital Flyers Distribution University Announcements Page and Email (06/25/2024)
Activity 3: 9 Ways Trees Benefit Us All Through Ecological Services (hardcopy distribution at Arbor Day event)
Activity 4: Stormwater Classroom Presentation Documentation (Email 06/17/2024)
- MCM 2: Fall Service Day Event Documentation (10/7/2024)
Arbor Day/ Tree Campus USA Recertification (4/23/2024)
Spring Service Event Day Documentation (4/20/2024)
Tree Campus USA Program Documentation
Solar Powered Trash Compactors
- MCM 3: Summary of Dry Weather Screening Findings
Dry Weather Screening Inspections
- MCM 4: ESC Inspections
- MCM 5: BMP Maintenance Documentation
BMP Inspection Reports
- MCM 6: Nutrient Management Plan Letter of Approval
Staff Training Documentation



Acronyms

AS&S	Annual Standards & Specifications
BMP	Best Management Practice
DEQ	Virginia Department of Environmental Quality
E3	Exemplary Environmental Enterprise
ESC	Erosion and Sediment Control
IDDE	Illicit Discharge Detection and Elimination
MCM	Minimum Control Measure
MPC	Multi-Purpose Center
MS4	Municipal Separate Storm Sewer System
N	Nitrogen
NMP	Nutrient Management Plan
P	Phosphorus
PCB	Polychlorinated biphenyls
POC	Pollutant of Concern
SOP	Standard Operating Procedure
SWM	Stormwater Management
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
VPDES	Virginia Pollutant Discharge Elimination System
VSU	Virginia State University
WLA	Wasteload Allocation



Section 1 Certification Statement and Requirements

As required by 9VAC25-890-40 IV. K, all reports required by state permits, including annual reports, and other information requested by the department shall be signed by a person described below:

1. For a corporation: by a responsible corporate officer. For the purpose of this chapter, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for state permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
3. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this chapter, a principal executive officer of a public agency includes:
 - (a) The chief executive officer of the agency, or
 - (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Duly Authorized Representatives

A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above;
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the operator. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
3. The signed and dated written authorization is submitted to the department.



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.

**Jonathan A
Taylor** Digitally signed by
Jonathan A Taylor
Date: 2024.09.26
12:01:03 -04'00'

Jonathan A. Taylor
Director of Capital Outlay

Date

VAR040119
Permit Number

Virginia State University
MS4 Name

For questions regarding this Annual Report or VSU’s MS4 Program Plan, please contact:

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Virginia State University

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Section 2 Minimum Control Measures

Each Minimum Control Measure is described in the following sections.

2.1 MCM 1: Public Education and Outreach

Part I.E.g.1: A list the high-priority stormwater issues addressed in the public education and outreach program.

See Table 1, column [1].

Part I.E.g.2: A summary of the public education and outreach activities conducted for the report year, including strategies used to communicate the identified high-priority issues.

The strategies used to communicate the identified high priority issues are provided in Table 1, column [2]. A summary of the public outreach activities conducted for the report year is provided in Table 1, column [3]. See Appendix MCM 1 for implementation documentation for each annual activity.

Table 1 - High Priority Stormwater Issues

High-Priority Stormwater Issue [1]	Strategy to Communicate Issue [2]	Implementation of Strategy [3]
Land and Vegetation Management	Media materials & Traditional written materials	A hardcopy of the 9 Ways Trees Benefit Us All Through Ecological Services factsheet was distributed at the Arbor Day Celebration Event. Fact sheet available for download on the Capital Outlay MS4 Program website. Availability of Annual Standards & Specifications on website.
General Stormwater Awareness	Signage, Media materials and Speaking Engagement	Stormwater factsheet distributed via VSU's Announcements and Updates page on 06/27/2024. Fact sheet available for download on the Capital Outlay MS4 Program website. Maintain educational sign at MPC stormwater management facility. Temporary signage at the Arbor Day Event. Pre-recorded Classroom Presentation was viewed by 12 students in Professor Whalen's Biology class on 04/09/2024. The presentation focuses on the University's MS4 program and stormwater management.
Dumpster and Litter Management	Media materials	Dumpster factsheet distributed via VSU's Announcements and Updates page on 06/27/2024. Fact sheets available for download on the Capital Outlay MS4 Program website.



Part I.E.g.3: A description of any changes in high-priority stormwater issues, including, strategies used to communicate high-priority stormwater issues or target audiences for the public education and outreach plan. The permittee shall provide a rationale for any of these changes.

The revised Program Plan maintains compliance with the permit requirements for MCM using the following strategies: the distribution of traditional written materials at public participation events, media distribution of various educational materials, and with optional speaking engagements in the classroom. The educational flyers in the Program Plan have been updated with new graphics for the current permit cycle.

Part I.E.g.3: A description of public education and outreach activities conducted that included education regarding climate change.

No public education and outreach activities included education regarding climate change.

Part I.D.3.e: An evaluation of the MS4 Program implementation, including a review of each MCM, to determine the MS4 program's effectiveness and whether or not changes to the MS4 program plan are necessary.

The selected high-priority stormwater issues and the planned implementation strategies for MCM 1 are effective because they are highly accessible to the public, reach the intended audience and communicate the intended messages. Changes to the Program Plan have been made for the upcoming year as documented to be consistent with the current MS4 General Permit requirements.

2.2 MCM 2: Public Involvement and Participation

Part I.E.2.i.1: A summary of any public input on the MS4 program received and how permittee responded.

VSU did not receive any public input on the MS4 program during the reporting period.

Part I.E.2.i.2: A summary of stormwater pollution complaints received under the procedures established in Part I E 2 a (1), excluding natural flooding complaints, and how the permittee responded.

VSU did not receive any stormwater pollution complaints under the procedures established in *Part I E 2 a (1)*.



Part I.E.2.i.3: A webpage address to the permittee's MS4 program and stormwater website.

The website address is:

<http://www.vsu.edu/capital-outlay/programs-resources-procedures.php>

Part I.E.2.i.4: Federal and state nontraditional permittees with security policies preventing the MS4 program and stormwater pollution prevention webpage from being publicly accessible utilizing an internal staff accessible website, such as intranet, shall provide evidence of the current internal MS4 program and stormwater pollution prevention webpage;

The website address is:

<http://www.vsu.edu/capital-outlay/programs-resources-procedures.php>

Part E.2.i.5: A description of the public involvement activities implemented by the permittee, including any efforts to reach out and engage all economic and ethnic groups;

VSU identified and participated in the following local events/activities to address public involvement with stormwater and environmental activities:

1. Fall Service Day Event
VSU held a Fall Service Day Events on October 7, 2023. Students, faculty, and guests planted flowers, collected trash, made disposable trash receptacles and built picnic tables and benches. It is assumed that the participants included a variety of economic and ethnic groups, but no poll was taken of the attendees to understand these demographics.
Category: Pollution Prevention & Restoration
2. Arbor Day Celebration and Stormwater BMP Tour
The Tree Campus USA Advisory Committee hosted an Arbor Day Celebration on April 23, 2024. The event consisted of a presentation on the importance of trees in society and in relation to water quality and tour was provided to discuss stormwater management facilities on campus. A news story [Family reveals secrets about 'Meemaw's Tree,' 170-year-old Southern Magnolia at Virginia State University \(wtvr.com\)](#) documents the tree dedication that occurred during the celebration. It is assumed that the participants included a variety of economic and ethnic groups, but no poll was taken of the attendees to understand these demographics.
Category: Pollution Prevention & Educational Events
3. Spring Service Day Event
VSU held a Spring Service Day Event on April 20, 2024. Faculty and guests participated in a trash cleanup on campus. It is assumed that the



participants included a variety of economic and ethnic groups, but no poll was taken of the attendees to understand these demographics.
Category: Restoration

4. Tree Campus USA Advisory Committee

The Tree Campus USA Advisory Committee held several meetings throughout the reporting period to discuss planning of Environmental Service Days and to work to maintain the Tree Campus USA designation, as well as other related topics. It is assumed that the participants included a variety of economic and ethnic groups, but no poll was taken of the attendees to understand these demographics.
Category: Educational Event

5. Solar Powered Trash Compactors

Virginia State University has installed fifty new solar-powered trash compactors with innovative features and environmental benefits. The units allow facilities staff to work more efficiently with the use of a reporting dashboard. The increased capacity of the solar compactors has multiple eco-friendly benefits while reducing trash overflow to keep the campus clean and improve water quality.

Part E.2.i.6: A description of public education and outreach activities conducted that also included education regarding climate change.

No public education and outreach activities were conducted that also included education regarding climate change.

Part E.2.i.7: A report on the metric as defined for each activity and an evaluation as to whether the activity is beneficial to improving water quality.

1. Fall Service Day Event:

Approximately fifty (50) students, faculty, staff, and guests attended the service day on October 7, 2023. This event was beneficial to improving water quality by educating participants on stormwater conveyance systems and the importance of trash cleanup for improving water quality in receiving streams. Participants planted flowers, collected trash, made disposable trash receptacles and built picnic tables and benches.

2. Arbor Day Celebration and Stormwater BMP Tour:

Approximately fifty (50) participants attended the Arbor Day Celebration on April 4th, 2023. This event was beneficial to improving water quality by educating participants on the importance of trees, native vegetation, and general stormwater management. The event included guest speakers discussing the importance of trees and a tour of several stormwater BMPs on campus. A maintenance demonstration for a Filterra unit was performed as part of the tour.



3. Volunteer Day Event:
Approximately eight (8) students, faculty, staff and guests attended the service day on April 20, 2024. This event was beneficial to improving water quality by educating participants on the importance of trash cleanup for water quality in receiving streams. Approximately four (4) bags of trash were collected.

4. Tree Campus USA Advisory Committee
Eight (8) meetings were held over the course of the reporting period. Meetings during this permit term were held on 07/20/2023, 11/09/2023, 12/14/2023, 01/10/2024, 02/07/2024, 03/14/2024, 04/02/2024, and 04/18/2024. These events are beneficial to improving water quality because it gives stakeholders the opportunity to meet and help ensure that VSU continues to maintain its commitment to improving water quality and to plan for future activities that will improve water quality. Additionally, these meetings often include individuals from neighboring organizations with similar goals to improve water quality.

5. Solar Powered Trash Compactors
The University maintained 50 solar powered trash compactors during the reporting period. This activity is beneficial to improving water quality because the compactors offer five times the capacity of current waste receptacles, provide self-reporting metrics to facility staff to enable more proactive servicing of the receptacles, and provide a public involvement activity for trash removal for all people on campus.

Part E.2.i.8: The name of other MS4 permittees with whom VSU collaborated with.

VSU did not collaborate with other MS4 permittees for this reporting period.

Part I.D.3.e: An evaluation of the MS4 Program implementation, including a review of each MCM, to determine the MS4 program's effectiveness and whether or not changes to the MS4 program plan are necessary.

The public involvement opportunities are considered effective due to the number of staff, faculty, and students that participate and due to each event's relevant messages on how individuals can improve water quality.

Changes to the MS4 program plan were made to update the Program Plan for the new permit. A new public involvement activity has been added to the Program Plan to track the annual implementation of the 50 new solar powered trash compactors with innovative features and environmental benefits.



2.3 MCM 3: Illicit Discharge Detection and Elimination

Part I.E.3.e.1: A confirmation statement that the MS4 map and outfall information table have been updated to reflect any changes to the MS4 occurring on or before June 30 of the reporting year.

No updates were required to the MS4 outfall map or information table during this reporting year.

Part I.E.3.e.2: The total number of outfalls and observation points screened during the reporting period as part of the dry weather screening program.

Twenty (20) outfalls were screened during dry weather for the reporting period. This represents 100% of VSU's total MS4 outfalls. See Appendix MCM3 for documentation.

Part I.E.3.e.3: A list of illicit discharges to the MS4, including spills reaching the MS4 with information as follows: a) The location and source of illicit discharge; b) The dates that the discharge was observed, reported or both; c) Whether the discharge was discovered by the permittee during the dry weather screening, reported by the public, or other method (describe); d) how the investigation was resolved; e) a description of any follow-up activities; and f) the date the investigation was closed.

No illicit discharges or spills were investigated or reported during the reporting period.

Part I.D.3.e: An evaluation of the MS4 Program implementation, including a review of each MCM, to determine the MS4 program's effectiveness and whether changes to the MS4 program plan are necessary.

Changes were made to the Program Plan to reflect the current MS4 general permit. The MS4 tracking table was converted to a shapefile to be compliant with current permit requirements.

2.4 MCM 4: Construction Site Stormwater Runoff Control

Part I.E.4.e.1: Total number of erosion and sediment control inspections conducted;

49 erosion and sediment control inspections were conducted at the Academic Commons site. 17 erosion and sediment control inspections were conducted at the MT Carter site.

Part I.E.4.e.2: Total number of each type of compliance action and enforcement action implemented

No compliance actions were required as a result of the inspections.



Part I.E.4.e.3(a): For nontraditional permittees, A confirmation statement that land disturbing projects that occurred during the reporting period have been conducted in accordance with the current department approved standards and specifications for erosion and sediment control.

Land disturbing projects that occurred during the reporting period have been conducted in accordance with the current department approved standards and specifications for erosion and sediment control. Two land disturbing projects were conducted in accordance with VSU's current department approved Annual Standards and Specifications for ESC during the reporting period. Both of these projects were covered under the VSU's General Permit (VAR109268) coverage for Discharges of Stormwater from Construction.

Part I.E.4.e.3(b): If any land disturbing projects were conducted without department approved annual standards and specifications, a list of all land disturbing projects that occurred during the reporting period with erosion and sediment control plan approval dates for each project.

No land disturbing projects were conducted without departmental approved annual standards and specifications.

Part I.D.3.e: An evaluation of the MS4 Program implementation, including a review of each MCM, to determine the MS4 program's effectiveness and whether or not changes to the MS4 program plan are necessary.

This MCM is considered to be effective as VSU's Annual Standards and Specifications are approved by DEQ in 2019 for the reporting period. The Annual Standards and Specifications were revised in 2022 to improve readability and to provide clarifications. The revised Annual Standards and Specifications have been submitted to DEQ annually.

The Annual Standards and Specifications have been updated for permit year 2 of the current permit term to reflect the requirements of Appendix J of the [Virginia Stormwater Management Handbook](#) (v1.1)

2.5 MCM 5: Post Construction Stormwater Management

Part I.E.5.e.1: If the traditional permittee implements a VSMP in accordance with Part I E5a(1), (2), or (3):

- a) The number of privately owned stormwater management facility inspections conducted;*

There are no privately owned stormwater management facilities on campus.



- b) *The number of enforcement actions initiated by the permittee to ensure long-term maintenance of privately owned stormwater management facilities including the type of enforcement action;*

There are no privately owned stormwater management facilities on campus.

Part I.E.5.e.2: Total number of inspections conducted on stormwater management facilities owned or operated by the permittee

Forty-nine inspections were conducted on SWM facilities owned or operated by VSU.

Part I.E.5.e.3: A description of the significant maintenance, repair, or retrofit activities performed on the SWM facilities owned or operated by the permittee to ensure it continues to perform as designed. This does not include routine activities such as grass mowing or trash collection.

The following significant maintenance activities were performed during the reporting period:

- Cartridges were replaced in the Storm Filters on campus (BMP47, BMP 48, and BMP 49). A total of 124 cartridges were replaced
- BMP 28 (underground sand filter) had sediment removed from the sediment chamber and sand filter chamber.

Additional routine maintenance was performed on these and other BMPs on campus during the reporting year.

Part I.E.5.e.4: For traditional permittees as specified in Part IE5a(1), a confirmation statement that the permittee submitted stormwater management facility information through the Virginia Construction Stormwater General Permit database for land disturbing activities required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part III B1 or a statement the permittee did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities (9VAC25-880).

The permittee did not complete any projects requiring coverage under the General BPDES Permit for Discharges of Stormwater from Construction Activities.

Part I.E.5.e.5: A confirmation statement that the permittee electronically reported stormwater management facilities using the DEQ BMP in accordance with Part III B1 and 2.

The permittee electronically reported stormwater management facilities using the DEQ BMP Warehouse in accordance with Part IIIB1 and 2.



Part I.E.5.e.6: A confirmation statement that the permittee electronically reported stormwater management facilities inspected using the DEQ BMP Warehouse in accordance with Part III B5.

The permittee electronically reported stormwater management facilities inspected using the DEQ BMP Warehouse in accordance with Part III B5.

Part I.D.3.e: An evaluation of the MS4 Program implementation, including a review of each MCM, to determine the MS4 program's effectiveness and whether or not changes to the MS4 program plan are necessary.

This MCM is considered effective. Changes were made in the Program Plan to reflect current permit requirements.

2.6 MCM 6: Pollution Prevention and Good Housekeeping

Part I.E.6.y.1: A summary of any written procedures developed or modified in accordance with Part IE6(a) and (b) during the reporting period.

No operational procedures were developed or modified during the reporting period.

Part I.E.6.y.2: A confirmation statement that all high-priority facilities were reviewed to determine if SWPPP coverage is needed during the reporting period.

All high-priority facilities were reviewed to determine if SWPPP coverage is needed during the reporting period. The University has one SWPPP for the entire campus.

Part I.E.6.y.3: A list of any new SWPPPs developed in accordance Part IE6i during the reporting period.

No new SWPPPs were developed during the reporting period.

Part I.E.6.y.4: A summary of any SWPPPs modified in accordance with Part IE6j, 6l, or 6m

No SWPPPs were modified during the reporting period except as required to meet current permit requirements.

Part I.E.6.y.5: The rationale of any high-priority facilities delisted in accordance with Part IE6l or m during the reporting period.

No high priority facilities were delisted in accordance with Part 1E 6l or 6m during the reporting period.



Part I.E.6.y.6: The status of each nutrient management plan as of June 30 of the reporting year (e.g. approved, submitted and pending approval, and expired);

As of June 30 of the reporting year, the campus Nutrient Management Plan was approved.

Part I.E.6.y.7: A list of training activities conducted in accordance with Part IE6d, including the following information: a) the completion date for the training activity; b) the number of employees who completed the training activity; and (c) the objectives and good housekeeping procedures covered by the training activity.

- a) Training was completed on 6/27/2024.
- b) 23 employees completed the training.
- c) The training included how to identify illicit discharges, potential pollutants on campus, where to find good housekeeping procedures, the contents of the campus SWPPP, and general pollution prevention strategies.

Section 3 Summary of Changes to Program Plan

Part 1.C.4: The permittee shall summarize revisions to the MS4 Program Plan.

Revisions have been made to the Program Plan and referenced documents during this reporting period. A summary is provided of the revisions is provided below.

3.1 Program Plan

The following revisions were made to the Program Plan:

- The date on the title page was updated.
- All regulation language was updated to the new permit language.
- MCM 1 was updated to add Written Flyers as a method for General Stormwater Awareness in the Public Education and Outreach Table. The measurable goals were also updated to “# of events flyers were distributed at” to align with this adjustment
- MCM 3 – MS4 table converted to MS4 shapefile given regulation updates; clarified that updated files should be submitted to DEQ as changes occur.
- Added de-icing products to the Prohibition of Illegal Discharge Policy
- Clarified definition of dry weather in Dry Weather Screening section
- Updated Chesterfield County and City of Colonial Heights Ordinance numbers in accordance with restructuring of ordinances.
- Included specific note on de-icing products in Training Schedule Section
- Updated Chesapeake TMDL Action Plan section to include new requirements and dates in Phase III

Each Appendix to the Program Plan was updated according to its section below.



Appendix A

- Gilbert Hanzlik's position was updated from Director of Facilities Management to Director of Facilities & Maintenance Reserve, per the VSU website
- The Facilities Department heading was shifted to include the Environmental Compliance Officer, per the VSU website

Appendix B

Appendix B was updated to the new permit for the 2023-2028 cycle.

Appendix C

All of the Appendix C flyers were updated with new graphics and consolidated versions of previous information for readability and accessibility.

Appendix D

- The outfall inspection form was updated with new details for clarity.
- The IDDE investigation form was updated to include clearer action item areas.

Appendix E

Appendix E was updated to include the new confirmation of receipt from DEQ.

Appendix F

No updates were necessary for Appendix F. Updates will be made as necessary.

Appendix G

- The date on the title page was updated.
- Background information was updated to reflect the organizational changes of the 2023-2028 permit.
- Existing Standard Operating Procedures were also updated to reflect the organizational changes of the 2023-2028 permit.
- Additional Standard Operating Procedures was updated to remove a line no longer relevant under the 2023-2028 permit.

Appendix H

The VSU Chesapeake Bay TMDL Action Plan was updated to reflect the new permit cycle under which it applies. No other updates were needed, as VSU has already achieved compliance with TMDL Action Plan requirements.



3.2 SWPPP

- The date on the title page was updated.
- Per the new permit, the SWPPP Modification Log, Structural Control Measure Description appendix, and Maintenance Schedule for SWM Facilities and Pollutant Source Control Appendices were added to the table of contents.
- All permit language was updated to reflect the 2023-2028 permit.
- A section for the point of contact information as required in the 2023-2028 permit was included.
- The SWPPP Modification Log was added to the task list.
- The new appendices were given cover sheets.
- The Annual Comprehensive Site Compliance Evaluation Log and Source Control Inspection Log were each updated with the most recent evaluation and inspection information.
- The Modifications Log was created per permit requirements.

Each Appendix of the SWPPP was updated according to its section below.

Appendix A

Appendix A was updated to make language about the campus more concise.

Appendix B

Appendix B was updated to add new potential pollutants and sources found in the latest year's inspection. Photos of these new pollutants and sources were included in the photo log.

Appendix C

No updates were necessary for Appendix C. Updates will be made as necessary.

Appendix D

Appendix D was created and populated with descriptions of the types of BMPs that can be found in the site area of VSU.

Appendix E

Appendix E was created and populated with an inspection schedule for all source controls.

Appendix F

See Program Plan Appendix G for updates made to the VSU Daily Good Housekeeping and Standard Operating Procedures.



Appendix G

No updates were necessary for Appendix G. Updates will be made as necessary.

Appendix H

No updates were necessary for Appendix H. Updates will be made as necessary.

Appendix I

No updates were necessary for Appendix I. Updates will be made as necessary.

Appendix J

No updates were necessary for Appendix J. Updates will be made as necessary.

Appendix K

Appendix B was updated to the new permit for the 2023-2028 cycle.

3.3 Annual Standards and Specifications

- The date on the title page was updated.

Each Appendix of the Annual Standards & Specifications was updated according to its section below.

Appendix A

Attached most recent version of the Campus-wide Construction General Permit (CGP) Coverage Letter.

Appendix B

No updates were necessary for Appendix G. Updates will be made as necessary.

Appendix C

No updates were necessary for Appendix G. Updates will be made as necessary.

Appendix D

Updated all approved variances that had updated specifications from website. Retained some older flyers for illustrative purposes.

Appendix E

No updates were necessary for Appendix G. Updates will be made as necessary.



Appendix G

No updates were necessary for Appendix G. Updates will be made as necessary.

Appendix H

No updates were necessary for Appendix G. Updates will be made as necessary.

Section 4 Government Reliance for Permit Obligations

VSU does not rely on any other government entity to satisfy any permit obligations.

Section 5 TMDL Special Conditions Contained in Part II

Permit Requirement Part 1.D.4: Provide a status report on the implementation of the Chesapeake Bay TMDL action plan or local TMDL action plans and any revisions.

A Chesapeake Bay TMDL Annual report has been submitted separately.

5.1 Local TMDL Action Plans

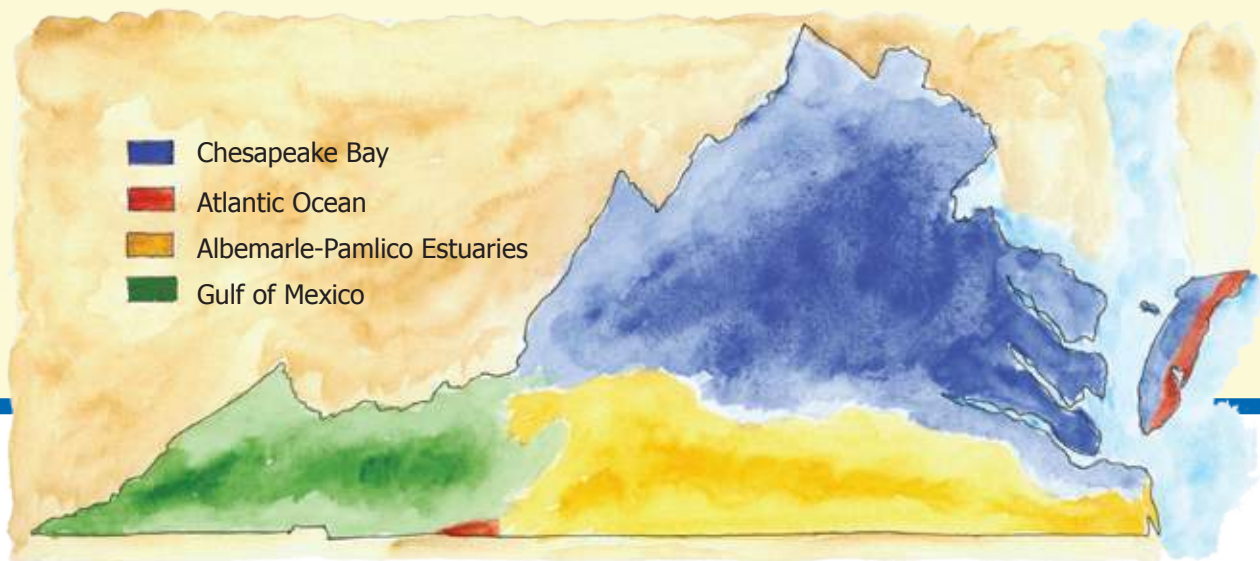
VSU does not have any local TMDL Action Plans. While VSU discharges to the Appomattox River, VSU has not been assigned any TMDL WLAs for PCB.

**MCM 1 PUBLIC EDUCATION & OUTREACH
DOCUMENTATION**

LAND AND VEGETATION MANAGEMENT

SPOTLIGHT ON THE CHESAPEAKE BAY WATERSHED

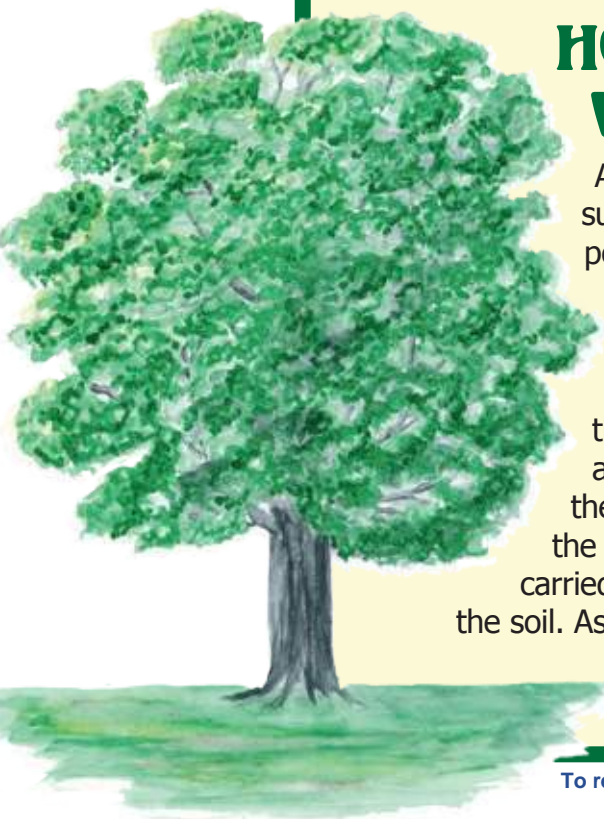
The map shows where Virginia's streams complete their watershed journeys. As you can see from the map, much of Virginia is in the Chesapeake Bay watershed. Parts of six states make up this watershed, and over 16 million people live within it. The Chesapeake Bay is the largest estuary in all of North America! Many species of wildlife live in the Bay and its surrounding wetlands. Young fish and crustaceans find the food and shelter they need in its marshes and tidal creeks. Waterfowl, such as ducks and geese, spend the winter feeding in shallow Bay waters. People use the Bay for recreation, and some earn a living by catching fish and shellfish there. Because so much life depends on the Bay, keeping it clean and healthy is very important. Virginia's forests play a big part in protecting the health of the Chesapeake Bay.



HOW DO TREES PROTECT WATERSHEDS?

As water moves across the landscape, it can pick up pollutants – substances that do not belong in a healthy stream. Examples of pollutants include fertilizers from farm fields, pesticides from home lawns, oil and chemicals from roadways and parking lots, and even soil from new construction sites.

Watersheds with lots of trees have some natural protection from these harmful substances. Heavy rains are less likely to disturb and carry away soil in a forested watershed. This is because the raindrops slow down when they hit tree leaves and drip to the ground. The trees also act as filters for many of the pollutants carried in water. Tree roots absorb much of the water as it sinks into the soil. As trees use water, they remove pollutants before releasing water back into the air. Fortunately, almost two thirds of Virginia's land is forested – that is, covered by trees.



9 Ways Trees Benefit Us All Through Ecological Services

Joel Koci - Virginia Cooperative Extension Associate for Urban Forestry at Virginia State University

Everyone knows trees play an important role in nature. Did you know trees provide many important benefits to humans, as well?

Trees provide tangible ecosystem services that benefit us all! Let's look at 9 ways trees contribute positively to human well-being,

1. Photosynthesis

Trees synthesize their own food using carbon dioxide from the air, sunlight, and water.

The benefit: this process, called photosynthesis, releases oxygen back into the air as byproduct.



2. Food Production

Trees produce fruit, sap, nuts, seeds, and berries that feed wildlife and people.

The benefit: we can harvest apples, citrus, avocados, syrup, almonds, paw-paws, coconuts, cherries, and more!



3. Wood Production

People have used wood from different trees for ages.

The benefit: people can build houses, furniture, and instruments.



4. Air Quality

Trees absorb pollutants, including particulates, sulphur dioxide, and nitrogen dioxide.

The benefit: our lungs stay healthier as we breathe cleaner air.



5. Carbon Sequestration

Trees store carbon in their roots, trunk, branches, and leaves.

The benefit: carbon storage or sequestration removes carbon from the atmosphere, combating climate change.



9 Ways Trees Benefit Us All Through Ecological Services

Joel Koci - Virginia Cooperative Extension Associate for Urban Forestry at Virginia State University

Trees provide tangible ecological or ecosystem services that benefit us all! Let's look at 9 ways trees contribute positively to human well-being,

6. Erosion Reduction and Soil Health

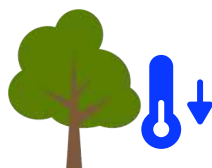
Trees reduce wind velocity, and their roots hold soils in place, reducing harmful stormwater runoff and erosion. Trees also help soils retain moisture, reducing drying near agricultural areas.

The benefit: healthier, more stable soil keeps our waterways cleaner, our roads safer during storms, and helps our crops grow.



7. Solar Radiation Reduction

Tree canopies capture heat from the sun, providing shade and cooling the area.



The benefit: areas under tree canopies can be up to 20 degrees cooler than areas exposed to direct sunlight.

8. Public Health

Trees release Phytoncides, which boost our immune systems when we breathe them in.



The benefit: people experience benefits to their mental and physical health after spending time in nature.

9. Livability

All these ecosystem services come together to benefit our health, safety, and overall well-being. Trees create a healthier, more beautiful space for us to live in!

Your Urban Forestry Expert

Joel Koci

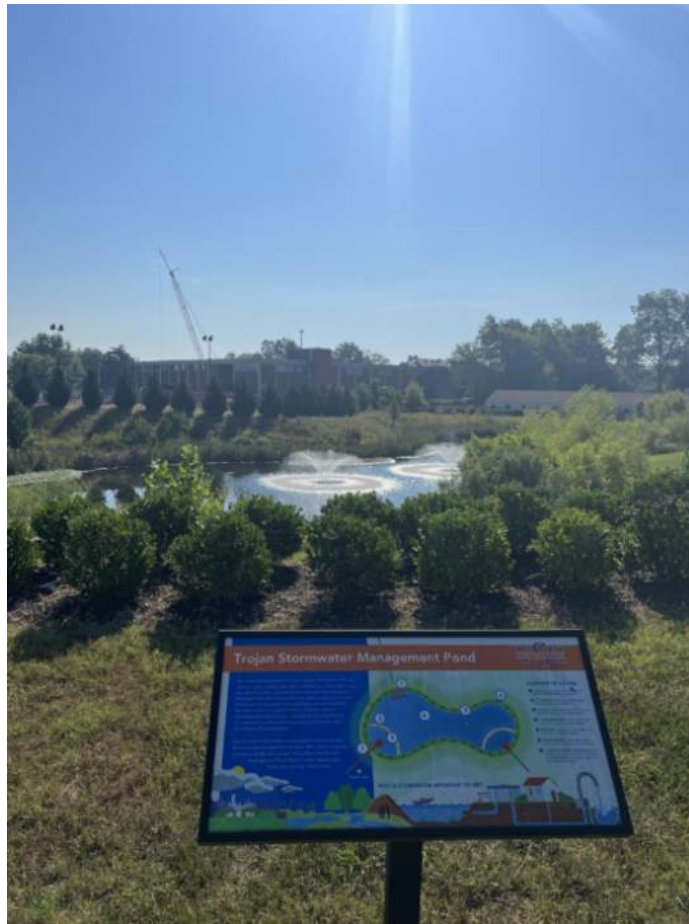
Associate Extension Specialist
Natural Resource Management (Urban Forestry)
jkoci@vsu.edu (804) 524-5758

Science-based management of natural resources such as woods, water, and wildlife is essential to ensure maximum benefits for society now and in the future.

Virginia Cooperative Extension is a partnership of Virginia Tech, Virginia State University, the U.S. Department of Agriculture, and local governments. Its programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, military status, or any other basis protected by law.

GENERAL STORMWATER AWARENESS

EDUCATIONAL SIGNAGE AT BMP# 46



Invest in the GREATER at VSU.

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Re: Stormwater Classroom Presentation

From Matthew A Whalen <mwhalen@vsu.edu>

Date Mon 6/17/2024 11:07 AM

To Hailey Fry <Hailey.Fry@timmons.com>; Sarah M. Witiak <switiak@vsu.edu>

Cc Sheila Reeves <Sheila.Reeves@timmons.com>; Aislinn Creel <Aislinn.Creel@timmons.com>

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Hailey,

The recording was made available to students on April 9th. It was shared with 12 students.

Best,

Matt

Matthew Whalen
Assistant Professor
Department of Biology
Virginia State University
mattwhalen.wordpress.com

From: Hailey Fry <Hailey.Fry@timmons.com>

Sent: Monday, June 17, 2024 10:38 AM

To: Matthew A Whalen <mwhalen@vsu.edu>; Sarah M. Witiak <switiak@vsu.edu>

Cc: Sheila Reeves <Sheila.Reeves@timmons.com>; Aislinn Creel <Aislinn.Creel@timmons.com>

Subject: Stormwater Classroom Presentation

[EMAIL FROM EXTERNAL SENDER] [Do not click links or open attachments unless you can confirm the sender and know the content is safe.]

Good morning,

Was the recorded Stormwater presentation given by Aislinn presented in either of your classes this past school year? If so, can you please provide me with the date it was shared and the number of students that would have received it?

Thank you!

Hailey Fry
Project Engineer III

TIMMONS GROUP | www.timmons.com
1001 Boulders Parkway, Suite 300 | Richmond, VA 23225
Office: 804.200.6500 | Fax: 804.560.1016
hailey.fry@timmons.com
Your Vision Achieved Through Ours
To send me files greater than 20MB [click here.](#)

Sheila Reeves

From: Jonathan A. Taylor <jataylor@vsu.edu>
Sent: Tuesday, June 25, 2024 2:20 PM
To: Hailey Fry; Sheila Reeves; Marlene McGraw
Cc: Jane S. Harris
Subject: FW: TODAY'S ANNOUNCEMENTS: Greater Happenings Around Campus

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon

The two announcements are included below.

Jonathan

From: Announcements <announcements@vsu.edu>
Sent: Tuesday, June 25, 2024 2:17 PM
To: Faculty <Faculty@vsu.edu>; Staff <Staff@vsu.edu>; All Students <all_students@vsu.edu>
Subject: TODAY'S ANNOUNCEMENTS: Greater Happenings Around Campus

Greetings, Trojans. Highlights of your updated announcements (as submitted) are below. For more information about each, visit the [VSU GREATER HAPPENINGS: Announcements and Updates](#).

Events To Add To Your Calendar

Cynthia J. Pegram Retirement Celebration

Thursday, June 27, 2024, 12:00 pm - 3:00 pm

Location: VSU Gateway Dining and Event Center

Attention Trojans, it is with a heavy heart that we inform you of the retirement of Mrs. Cynthia Pegram in the VSU Budget Office. Cynthia has been with VSU for 14 years and has served the Commonwealth of Virginia for over 35 years. She has been an invaluable asset to the VSU Budget team and will truly be missed! We will celebrate Cynthia's career at VSU on June 27, 2024, from noon until 3:00 in the VSU Gateway Dining and Event Center. Please RSVP by emailing pmoody@vsu.edu by Tuesday, June 18. Looking forward to seeing everyone at the celebration.

Staff Mindfulness Fridays

Fridays at 12:30 pm

Location: Aerobics Rooms Foster Hall

Markus Copeland, the Director of Fitness and Wellness, is offering this class to help faculty and staff relax and manage stress from the work week through breathing practices, tai chi movements, self-massage, and more. For more information contact Markus Copeland at mcopeland@vsu.edu or ext 5720.

The Ladies R&B Kickback Tour is Coming to the VSU Multi-Purpose Center

Concert Date: Friday, June 28, 2024

Location: Multipurpose Center

The Ladies R&B Kickback Concert is coming to the Virginia State University Multi-Purpose on Friday, June 28th, 2024. Also, between now and Sunday, June 23, all VSU, VUU, and VCU faculty and staff can enjoy a 25% discount on ticket purchases. Grab your department, work pals, and fellow educators and administrators for a Summer night of R&B and vibes at the MPC. You must purchase a ticket at the VSU Multi-Purpose Center Box Office by presenting a valid VSU, VUU, or VCU university ID. Only 1 discounted ticket per person. Tickets can also be purchased online at [Ticketmaster.com](https://www.ticketmaster.com). For more information, contact the VSU Multi-Purpose Center Box Office at 804.524.3000. VIP Box Suites are available, please contact Shalyn Moore, Marketing & Sales Manager at Shalyn.Moore@oakviewgroup.com for more details.

Faculty/Staff Walking Group

Markus Copeland, the Director of Fitness and Wellness, is starting a walking group for faculty and staff. The group will meet Mondays at 8:30 am and Thursdays at 4:00 pm. Individuals will meet at the Adult Fitness Park behind the VSU Softball Field and enjoy a nice gentle walk around campus at your own pace. Contact Markus at mcopeland@vsu.edu or ext. 5720 for more information.

SCHEV-2025 Virginia Outstanding Faculty Award

Application deadline: Sunday, June 30, 2024

The 2025 Outstanding Faculty Awards event is scheduled to be held in Richmond on March 4, 2025. The institute's final submissions must be received by the State Council of Higher Education for Virginia by 5:00 p.m. on Friday, September 27, 2024. VSU will nominate one for Rising Star and a maximum of three for the Virginia Outstanding Faculty Awards. Please submit your applications with all supporting documents as one PDF by June 30, 2024, to Dr. Rafat Siddiqui, Chair, Faculty Outstanding Faculty Awards Committee, for consideration to be nominated for the SCHEV Award. Information about the 2025 Virginia Outstanding Faculty Awards can be found online. (<https://www.schev.edu/institutions/outstanding-faculty-awards>)

It's Not Too Late - Canvas Training – June and July

Location: Virtual

Trojan Family, you still have time to prepare for the Blackboard to Canvas LMS change. We still have numerous sessions during the months of June and July. July sessions will be posted soon. VIEW SCHEDULE AND REGISTER HERE: <https://vastate365.sharepoint.com/SitePages/Canvas-Training.aspx?csf=1&web=1&e=nmtRzt&cid=4ad762f7-8f3b-4c20-a20d-7961c0f6182a>

VSU Will Be Closed The Day After Independence Day

Attention Trojans: Dr. Abdullah is using one of his recognition days to allow the university to remain closed the day after Independence Day, Friday, July 5, 2024. University offices will be open on Monday, July 8, 2024.

Student Activities Leadership Retreat

Friday, August 2, 2024 – Thursday, August 8, 2024

The 2024 student leadership retreat is required for the following upcoming 2024-2025 leadership pockets: Student Government Association, Royal Court, Trojan Activities Board, Presidents of Registered/Recognized Student Organizations (academic/honor/professional/social/cultural/departamental), Presidents of Greek Life Organizations, DSA Interns, and Trojan Leadership Program/Hill Fellows. Student organizations must have submitted a completed and full end-of-year report to attend the leadership retreat and be active in the fall semester of 2024. REGISTER HERE: <https://forms.office.com/r/jrsa1qu0nb?origin=lpmlink>
\$10.00 registration fee (required)- <https://payit.nelnet.net/form/V7MTj5Mq>

Fall 2024 Opening Conference

Monday, August 5, 2024, – Wednesday, August 7, 2024

Save the date for Fall 2024 Opening Conference to be held August 5-7, 2024.

The Second Triennial James Arthur Baldwin International Symposium

Thursday, October 24, 2024, - Saturday, October 26, 2024

Abstract deadline: Thursday, August 1, 2024

Location: Petersburg Public Library & Gateway Conference Center

The Office of Academic Affairs, Petersburg Public Library, College of Humanities & Social Sciences, Department of Languages and Literature, University Libraries, Honors College, & the James Arthur Baldwin Africologic Institute (JABAI) proudly presents the Second Triennial James Arthur Baldwin International Symposium (ST-JABIS | 2024), October 24-26 | A Centennial Communion 4 Jimmy | The (Un)Cowardly Lion w/The Unapologetically Clarion Voice. We are seeking proposals for original, self-authored papers and artistic work. Abstracts and inquiries should be emailed, by August 1, to JABSymposium.vsu@gmail.com. Additional information can be found here:

<https://acrobat.adobe.com/link/track?uri=urn%3Aaaid%3Ascds%3AUS%3Ac0e45a76-6c34-41e0-a9f2-6bea6f1df909>

General Announcements

Dr. Karl Jackson Awarded NSF Grant

Dr. Karl Jackson, Chemistry Associate Professor in Chemistry, was awarded a three-year 518K grant from the National Science Foundation Division of Materials Research for project “Excellence in Research: Design and Synthesis of Nanoscale-Metal Organic Frameworks for Targeted Prostate Cancer Therapy” with co-PI Dr. Rafat A Siddiqui from Agriculture. The grant with support both undergraduate research, equipment and provide engagement activities for first- and second-year chemistry students.

Stormwater Management at VSU

Did you know that Virginia State University owns and operates a network of stormwater inlets, pipes, ditches, and stormwater management ponds that is known as a Municipal Separate Storm Sewer System (MS4)? It is designed to keep Virginia’s waterways clean and free of pollutants. The below awareness sheet shows you how you can help minimize water pollution and keep VSU’s water clean and beautiful.

<https://vastate365.sharepoint.com/sites/GreaterHappenings/Lists/Articles/Attachments/796/MS4%20Program%20Plan%20StormwaterAwareness.pdf>

Dumpster Environmental Safety

As we busily prepare to welcome students back for a fabulous fall semester, we can expect tons of move-in trash. Please be mindful that our actions can have a direct impact on the rivers and streams we share. Using Best Management Practices when discarding trash will help prevent pollution from entering drains and into our rivers and streams. Please read the below fact sheet to see how you can help keep our campus and the Appomattox River clean for generations of Trojans to come.

https://vastate365.sharepoint.com/sites/GreaterHappenings/Lists/Articles/Attachments/797/MCM1_2_Dumpster%20Fact%20Sheet.pdf

2024 Spring Community Engagement Newsletter

In this edition, you'll find an overview of recent events that have strengthened our bonds and showcased our diversity in engagement. Looking ahead, we are thrilled to announce a lineup of upcoming events and initiatives to keep this momentum going. Stay informed about volunteer opportunities, new community projects, and various other opportunities to engage and empower the community. We encourage you to engage, connect, and contribute to our vibrant community. Thank you for your continued support. Together, we can build a stronger,

more connected community. Enjoy the 2024 Spring Community Engagement Newsletter:

[https://vastate365.sharepoint.com/sites/GreaterHappenings/Lists/Articles/Attachments/791/Spring%20Newsletter%202024%20\(1\).pdf](https://vastate365.sharepoint.com/sites/GreaterHappenings/Lists/Articles/Attachments/791/Spring%20Newsletter%202024%20(1).pdf)

Everything isn't for EVERYBODY, but there is SOMETHING and more for EVERYONE!

Students are encouraged to read the below article by the Department of Student Activities discussing the experience, engagement, and longevity of joining college organizations. LINK TO ARTICLE:

<https://vastate365.sharepoint.com/sites/GreaterHappenings/Lists/Articles/Attachments/789/DSA%20Article.pdf>

Clearance Sale At VSU Bookstore

Now – Sunday, June 30, 2024

Visit the VSU Bookstore for a clearance sale.

Department of Health, Physical Education and Recreation Spring 2024 Newsletter

Check out a few highlights from the Department of Health, Physical Education and Recreation.

<https://vastate365.sharepoint.com/sites/GreaterHappenings/Lists/Articles/Attachments/783/Newsletter%20spring%202024.pdf>

Construction Alert

Beginning Monday, 6/3/24 through Monday, 6/17/24, University Avenue between Boisseau Street and Mathews Jefferson Drive will be closed from 7 AM until 6 PM each day due to utility construction. During this time, traffic will be diverted to Carter Woodson Drive. Please exercise caution when driving in this area. We apologize for any inconvenience.

Construction Alert

Construction of an addition and interior renovations to the Academic Innovation Center on Hayden Street will commence on Monday, February 12. During this time, the area of construction limits will be secured and inaccessible to the campus community. Work is expected to conclude on or about February 15, 2025. Pedestrian traffic should exercise caution in this area during this time.

VSU IT Purchase Request Process Training

Want to know more about how to purchase technology for your department's use? Attend upcoming trainings to learn the mechanics and benefits of the University's IT purchase request process known as the Information Technology Investment Management (ITIM) process. Additionally, get tips on ways to engage the process efficiently and minimize turnaround times for technology purchases. For more information about the IT purchase request process and upcoming trainings, visit [ICB - Home \(sharepoint.com\)](#).

June COVID Update

Trojan Health and Wellness reminds us to continue to take COVID-19 preventative measures and remember that Personal Protective Equipment is available to all students and employees campus-wide. For more information on VSU's COVID-19 protocol, please visit the [COVID-19 Dashboard](#).

VSU Communications Resources Available on the intranet:

We have placed Office of Communications resources on the intranet under "[Resources](#)" for your convenience. This includes logos, marketing photos, brochures, letterhead/envelope templates, virtual meeting backgrounds, PowerPoint templates, graphics request forms, etc. You do not have to contact the Office of Communications to access or use these resources.

VSU Procurement Information

For more information about Procurement, visit the [Procurement intranet](#).

VSU Human Resources Information

For more information about Human Resources and job postings, visit the [Office of Human Resources intranet](#).

For additional information about the above announcements and to submit an announcement, visit the [VSU GREATER HAPPENINGS: Announcements and Updates](#).

With Trojan Pride,
Office of Communications and University Relations
Virginia State University
University_Relations@VSU.edu
804-524-5583
www.VSU.edu



At VSU, we meet the educational needs of our students, graduating lifelong learners who are well-equipped to serve their communities as informed citizens, globally competitive leaders, and highly effective, ethical professionals.

Invest in the **GREATER** at VSU.

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DUMPSTER AND LITTER MANAGEMENT

IS A CIGARETTE BUTT LITTER?

When it ends up on the ground and not in a proper receptacle, a cigarette butt is litter. Partially smoked cigarettes, cigar tips, matches, disposable lighters, packaging, and cigarette butts are all part of our national litter problem.



Individuals, who would never litter beverage cans or paper packaging, typically don't consider tossing cigarette butts or cigar tips on the ground as littering. Lack of awareness, lack of ash receptacles, and ordinances that move smokers outdoors all increase cigarette butt littering.

CIGARETTE BUTT LITTER AND YOUR COMMUNITY

Although it's one of the smallest pieces of litter, communities report cigarette butts, including cigar tips, are the top item collected during local cleanups. All that litter has an impact on the places in which we live:

CREATING BLIGHT

Cigarette butt litter is unsightly. It accumulates in corners, gutters, and outside doorways and bus shelters. Litter in a business district, waterfront, on roadways and recreation areas, and other signs of disorder create a sense that no one cares about the community.

HARMFUL TO WATERWAYS

Littered cigarette butts and cigar tips are easily carried in storm water runoff through drainage systems and eventually to local streams, rivers, and waterways. Cigarette filters contain cellulose acetate, a form of plastic that does not biodegrade and can persist in the environment.

COSTLY TO CLEAN UP

Cigarette litter requires additional sidewalk and street sweeping, greenway and park maintenance, and storm water system upkeep. Retailers, property owners, and municipalities also bear the expense of cigarette litter cleanup at entrances, exits, and adjacent sidewalks and parking lots.

TIPS TO REDUCE CIGARETTE BUTT LITTER

Appropriate ash receptacles need to be available to smokers who have moved from buildings, businesses, bars and restaurants on to the sidewalks to smoke. Individuals who smoke must accept personal responsibility and choose not to litter.

HERE'S HOW EVERYONE CAN HELP

Carry a portable or pocket ashtray when smoking outside. Encourage smokers to be aware of where their cigarette will be discarded when they light up. Whether smokers are outside public buildings, in parks, on beaches or city sidewalks, a little planning will reduce the number of butts and cigar tips that end up on the ground.

Use a proper receptacle to dispose of cigarette butts and cigar tips. Ash receptacles are needed at the places where people must stop smoking before they proceed. These are called "transition points." Ash receptacles at transition points remind smokers to properly dispose of cigarette butts.

Don't throw butts out car windows. Place cigarette butts and cigar tips in a car ashtray, a portable auto ashtray (which fits in the cup holder), or a container with a secure top.

Be aware of local litter ordinances. Many communities have litter ordinances that include cigarette butt litter. These are enforceable and carry penalties.

To report illegal dumping on the VSU campus, call (804) 524-5451.

www.vsu.edu

TRASH BEST MANAGEMENT PRACTICES

Don't Let Trash End Up in Our Rivers and Streams

Keep dumpsters, trash cans and recycling bins covered, except when filling or emptying. Schedule pickup frequency to keep trash from holding the cover open. Open lids allow contact with stormwater, which dissolves and transports contaminants into the stormwater system. Open lids also invite pests to spread trash around.

Do not put liquids or greases in the trash containers. They should go down the sanitary sewer or be discarded in a grease barrel. Liquids may be accepted by the local sanitary sewer district, check prior to discharging any liquid into the sewer line.

Check that the dumpsters or trash cans are in good condition, with no holes or accumulation of grime. Trash containers should be leak-free. When necessary, call the sanitation company to replace or clean the containers.

Regularly inspect the trash enclosure and general area for problems such as trash not in the container and accumulation of grease or food on the ground. Clean the trash enclosure as needed to remove any accumulations of grime and/or general trash.

Clean trash cans in a designated area with a connection to the sanitary sewer such as mop sink or floor drain. Do not use a drain without knowing whether it flows to the sanitation sewer, storm drain or self-contained internal sump. Confirm before using drains to ensure proper disposal. Never discharge wash-water to storm drains or offsite.

Designate an area for trash collection away from storm drains. This allows problems at the trash container to be corrected before reaching the storm drain or flow offsite.

All of our actions within our watersheds have a direct impact on the rivers and streams we share.

The Best Management Practices shown at left

help prevent pollution from going down the drains and into our rivers and streams.



To report illegal dumping on the VSU campus, call (804) 524-5451.



MINIMIZING STORMWATER POLLUTION

Stormwater is water from rain or melting snow that does not soak into the ground but runs off into waterways. It flows from rooftops, bare soil and paved areas and lawns. It picks up a variety of contaminants (pet waste, fertilizers, oil, grease) along the way. These enter our lakes, streams, wetland and rivers and can harm fish, wildlife, vegetation. It can also foul your drinking water.

PRACTICES TO REDUCE STORMWATER POLLUTION INCLUDE CONTAINING AND COVERING GARBAGE, WASTE MATERIALS, AND DEBRIS. EVEN THE SIMPLE PRACTICE OF KEEPING A TRASH CAN LID CLOSED CAN BE A VERY EFFECTIVE POLLUTION PREVENTION MEASURE. OTHER EASY WAYS TO PREVENT STORMWATER POLLUTION INCLUDE: WASHING YOUR CAR OVER LAWN OR GRAVEL; USING LAWN CHEMICALS SPARINGLY, AND CLEANING UP PET WASTE.



To report illegal dumping on the VSU campus, call (804) 524-5451.

**MCM 2 PUBLIC INVOLVEMENT & PARTICIPATION
DOCUMENTATION**

ARBOR DAY EVENT
APRIL 23, 2024



THURSDAY'S ANNOUNCEMENTS: Important Commencement Updates And More Greater Happenings

DVDs, CDs, videotapes, cassettes, or LPs. For further information, please call 804.524.5043 or email refdesk@vsu.edu

What's Up With Wellness

Monday, April 22, 2024, 12:30 pm - 1:30 pm

Location: Gandy Hall, 3rd Floor - M&M Restaurant

Join us for a lesson sponsored by Hyatt University Fund Grant on healthy cooking practices, techniques, and a well-balanced diet. This lesson will be offered virtually and face-to-face. Please Register with the following link: <https://tinyurl.com/VSUHMGT-WellnessLecture> *Please Note that face-to-face is limited to 30 guests. For more information, contact RThompson@vsu.edu.

Tree Campus USA Recertification and Arbor Day Service Activities

Tuesday, April 23, 2024, 10:00 am - 12:00 pm

Location: Quad II Annexes

In 2015, the Arbor Day Foundation named Virginia State University a "Tree Campus USA University" for its dedication to campus forestry management and environmental stewardship, joining only ODU and Virginia Tech in this honor. Today, ten Virginia colleges and universities are certified tree campuses. Please join us on the morning of Tuesday, April 23 at 10:00 AM at the Quad II Annex site to mark VSU's recertification and ten-year milestone as an official Tree Campus USA! We will also dedicate a heritage Southern Magnolia tree on the site believed to be over 170 years old. Following the ceremony, we invite students, staff, and faculty to participate in several service activities that include: a tree planting demonstration and activity, stormwater treatment walking tour, ecosystem activity, and campus clean up. Classes are welcome!



FALL SERVICE DAY EVENT
OCTOBER 7, 2023

Sheila Reeves

From: Sheila Reeves
Sent: Tuesday, September 24, 2024 3:52 PM
To: Sheila Reeves
Subject: Fw: Student Service Activity 10/7

Sheila S. Reeves, PE, CFM

Senior Project Manager

TIMMONS GROUP | www.timmons.com

Office: 804.200.6517 | Mobile: 804.396.9677

To send me files greater than 20MB [CLICK HERE](#).

From: Jonathan A. Taylor <jataylor@vsu.edu>
Sent: Tuesday, June 25, 2024 11:37 AM
To: Sheila Reeves <Sheila.Reeves@timmons.com>; Hailey Fry <Hailey.Fry@timmons.com>; Marlene McGraw <Marlene.McGraw@timmons.com>
Subject: FW: Student Service Activity 10/7

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning

We did have a Fall service event on 10-7-23.

Thanks

Jonathan

From: Jane S. Harris <jsharris@vsu.edu>
Sent: Monday, June 24, 2024 12:16 PM
To: Jonathan A. Taylor <jataylor@vsu.edu>
Subject: Fwd: Student Service Activity 10/7

Get [Outlook for iOS](#)

From: Jane S. Harris <jsharris@vsu.edu>
Sent: Sunday, September 17, 2023 12:10 PM
To: Aislinn Creel <Aislinn.Creel@timmons.com>; neal.beasley@timmons.com <Neal.Beasley@timmons.com>; Joel Koci <jkoci@vsu.edu>
Cc: Gilbert Hanzlik <ghanzlik@vsu.edu>; Jonathan A. Taylor <jataylor@vsu.edu>
Subject: Student Service Activity 10/7

Everyone,

We have been asked to support the first student service event for the first year experience on Saturday morning, 10/7.

The activities below are the ones that will be offered:

- Campus Clean-up (this one will take many volunteers)
- Recycling collection
- Landscaping/planters
- Moving benches and tables for Homecoming Events
- Constructing disposable trashcans
- Placing trash receptacles and coal bins for tailgaters
 - Assembling, sanding and sanding picnic tables and benches
 - Putting up Homecoming signage

I wanted to make sure you are aware in case you want to participate. I also wanted to know if you have any suggestions on plant stock for the planters.

Thanks,

Jane

Jane Harris

Virginia State University

Assistant Vice President for Facilities and Capital Outlay

PO Box 9414

Physical Plant Building, Suite 25

2916 Myster Macklin Street

Petersburg, VA 23806

(W) (804) 524-6239

(C) (804) 218-3225

(F) (804) 524-5383

jsharris@vsu.edu

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← Post



@VSU Facilities
@VSUFacilities

Did you know that Virginia State University owns and operates a network of storm water inlets, pipes, ditches, and ponds just like a town or city? Students collecting litter will help keep Virginia's waterways clean and free of pollutants. Thanks, Freshman Studies volunteers!



1:33 PM · 08 Oct 23 · 148 Views



@VSU Facilities
@VSUFacilities

Delighted to host Freshman Studies volunteers for pre-homecoming service activities. Students planted flowers, collected trash, made disposable trash receptacles and built picnic tables and benches. So much was accomplished by a terrific group of students.



10:22 AM · 08 Oct 23 · 169 Views

SPRING SERVICE DAY EVENT
APRIL 20, 2024

Sheila Reeves

From: Sheila Reeves
Sent: Tuesday, September 24, 2024 2:25 PM
To: Sheila Reeves
Subject: Fw: Service Day
Attachments: Screenshot_20240421_114808_Message+.jpg

From: Aislinn Creel <Aislinn.Creel@timmons.com>
Sent: Tuesday, April 23, 2024 1:17 PM
To: Hailey Fry <Hailey.Fry@timmons.com>
Cc: Sheila Reeves <Sheila.Reeves@timmons.com>
Subject: FW: Service Day

From: Jane S. Harris <jsharris@vsu.edu>
Sent: Tuesday, April 23, 2024 12:56 PM
To: Aislinn Creel <Aislinn.Creel@timmons.com>
Subject: FW: Service Day

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Not much trash on Saturday but a little. **We had about 8 volunteers.**

From: jane harris <jane.s.harris@gmail.com>
Sent: Tuesday, April 23, 2024 4:08 AM
To: Jane S. Harris <jsharris@vsu.edu>
Subject: Service Day

[EMAIL FROM EXTERNAL SENDER] [Do not click links or open attachments unless you can confirm the sender and know the content is safe.]

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**TREE CAMPUS MEETINGS
ONGOING DURING REPORTING PERIOD**



VSU Tree Campus USA Meeting Agenda

Wednesday, July 20, 2023 @ 2:30PM

Format- ZOOM- Virtual

Agenda:

- **Spring Event Recap**
- **Tree Campus Updates**
 - Dead trees along Fleets Branch
 - Condition of trees by softball field
 - Invasive plants survey with DOF
 - Use of beds by M T Carter Annex
- **MS4 Updates**
 - Brief status update current contract and any remaining needs for the Annual Report
 - Inspections
 - Website updates/follow-up
 - AS&S
 - Land disturbing activity summary
 - BMP maintenance
 - Upcoming registration/permit coverage –Yr 1 of the 2023-2028 Permit Term
 - Registration statement is due Oct 1
 - Public Education and involvement
 - Other anticipated updates
 - Fleets Branch Phase 2 Update



VSU Tree Campus USA Meeting Agenda

Thursday, November 9, 2023 @ 2:00 PM

Format- ZOOM- Virtual

Agenda:

- **Tree Campus Updates**
 - Heritage trees on campus
 - Number of trees removed on campus
 - money spent in 2023 for trees
 - Number of trees planted
- **MS4 Updates – New Permit Effective November 1, 2023 – October 31, 2028**
 - MCM 1 – Public Education and Outreach
 - MCM 2 – Public Involvement
 - MCM 3 – Illicit Discharge Detection and Elimination
 - MCM 4 – Construction Site Stormwater Runoff and Erosion and Sediment Control
 - MCM 5 – Post-construction Stormwater Management for Developed Lands
 - MCM 6 – Pollution Prevention and Good Housekeeping
 - TMDL Special Conditions
 - Chesapeake Bay TMDL
 - Local TMDLs



VSU Tree Campus USA Meeting Minutes

Thursday, December 14, 2023 @ 2:00 PM

Attendance

VSU - Jane Harris, Jonathan Taylor, Joel Koci, Gil Hanzilk
Timmons Group - Sheila Reeves, Hailey Fry, Aislinn Creel
VA DOF - Jeremey Falkenau

Format- ZOOM- Virtual and In-person

Agenda:

• **Tree Campus Updates – Joel Koci**

- Registration for Tree Campus has been resubmitted and all requirements have been met. VSU is anticipating re-certification for the 10th consecutive year in 2024!
 - 2023 Recap –
 - January 19 – MLK Day – clean-up and workday at Nature Trail with 16 volunteers.
 - April 13 – Arbor Day – 3 trees planted, 2 white dogwoods and a Black Gum with volunteers from VA Power.
 - April 16 – Small oaks were planted by a young women’s leadership group on campus.
 - September 16 – 12-14 students planted 8 shrubs and trees by Wilder Building
 - December 14 – Submitted re-certification.
 - Joel will be participating in a community service event on MLK day (January 15), like last year, with clean-up along the Nature trail and potentially doing a tree inventory around campus.
 - River Road – Joel noted that the trees in the median are damaged and need replaced. Jane asked Joel to provide a count for potential replacement.
 - FOLAR is doing an invasive species removal and trash pick-up near campus on MLK day.
 - Joel is working to get the 170-yr old Magnolia Tree near Howard Quad 2 Annex designated as a Heritage Tree by Chesterfield County.

• **Arbor Day 2024 – 10th Annual Designation of Tree Campus USA – Group Discussion**

- Tentative Date – Between Earth Day (April 22) and Arbor Day (April 26)
- Tentative Location - VSU’s Heritage Tree (170-yr old Magnolia tree at the former Walmsley estate).
 - Potential to get a plaque for the heritage tree and do a ceremony during the event.
 - If we go with this location invitations should be sent to the Wamsley family and Concerned Citizens of Ettrick.
 - Tree planting can occur in island medians and outside of parking lot near this location.
 - Tentative timeframe is the last week of April. Earth Day is April 22, Arbor Day is April 26
- Tentative Guest List
 - Dr. Abdullah, President of VSU
 - Dr. Corley, Dean of the College of Agriculture
 - Dr. Janine Woods, Associate Administrator Cooperative Extension
 - The Wamsley family
 - Concerned Citizens of Ettrick



VSU Tree Campus USA Meeting Minutes

Thursday, December 14, 2023 @ 2:00 PM

- Tentative Program
 - Dedicate plaque at base of tree
 - Tree planting in parking lot islands and medians near by or around Howard Quad
 - Filterra Demonstration
 - Other? – (Ideas previously discussed – Recycling Group/Big Belly presentation; BioBlitz, etc.)
- **Action Items**
 - Next meeting will be before the MLK day activities on 1/10/2024 at 2:30 pm.
 - Aislinn to contact Dr. Witiak and Dr. Whalen re: tentative dates of the event to see what might work best for student participation.
 - Aislinn to contact Alpha Kappa Alpha Sorority (Joel has contact) to determine interest in combining Arbor Day events.
 - Joel asked Jeremy to help with the Heritage Tree designation process with Chesterfield.
 - Joel will follow up on MLK Day activities.
 - Aislinn will provide Hands On information: [CFengage](#)



VSU Tree Campus USA Meeting Agenda

Wednesday, January 10, 2024 @ 2:30 PM

Format- ZOOM- Virtual

Agenda:

- **Welcome Alpha Kappa Alpha to the Committee**

- **MLK Day of Service**
 - Support needs

- **Arbor Day 2024 – 10th Annual Designation of Tree Campus USA – Group Discussion**
 - Tentative Date – Between Earth Day (April 22) and Arbor Day (April 26) – Let’s set a date!
 - Tentative Location - VSU’s Heritage Tree (170-yr old Magnolia tree at the former Wamsley estate).
 - Potential to get a plaque for the heritage tree and do a ceremony during the event.
 - If we go with this location invitations should be sent to the Wamsley family and Concerned Citizens of Ettrick.
 - Tree planting can occur in island medians and outside of parking lot near this location.
 - Tentative Guest List
 - Dr. Abdullah, President of VSU
 - Dr. Corley, Dean of the College of Agriculture
 - Dr. Janine Woods, Associate Administrator Cooperative Extension
 - The Wamsley family
 - Concerned Citizens of Ettrick
 - Tentative Program
 - Dedicate plaque at base of tree
 - Tree planting in parking lot islands and medians near by or around Howard Quad
 - Filterra Demonstration
 - Other? – (Ideas previously discussed – Recycling Group/Big Belly presentation; BioBlitz, etc.)

- **Next Steps**



VSU Tree Campus USA Meeting Agenda

Wednesday, February 7, 2024 @ 3:30 PM

Format- ZOOM- Virtual

Agenda:

- **Arbor Day 2024 – 10th Annual Designation of Tree Campus USA – Group Discussion**
 - Tentative Date –April 23 @ 10 am (rain date April 25)
 - Tentative Location - VSU's Heritage Tree (170-yr old Magnolia tree at the former Walmsley estate).
 - Potential to get a plaque for the heritage tree and do a ceremony during the event.
 - If we go with this location invitations should be sent to the Wamsley family and Concerned Citizens of Ettrick.
 - Tree planting can occur in island medians and outside of parking lot near this location.
 - Tentative Guest List
 - Dr. Abdullah, President of VSU
 - Dr. Corley, Dean of the College of Agriculture
 - Dr. Janine Woods, Associate Administrator Cooperative Extension
 - The Wamsley family
 - Concerned Citizens of Ettrick
 - Tentative Program
 - Dedicate plaque at base of tree
 - Tree planting in parking lot islands and medians near by or around Howard Quad
 - Filterra Demonstration
 - Other? – (Ideas previously discussed – Recycling Group/Big Belly presentation; BioBlitz, etc.)

- **Follow up from last meeting:**
 - Save the Date
 - Plaque language
 - Contact with dignitaries/special guests
 - Tree Planting information – map and species
 - Dr Whalen and Ecology curriculum discussion

- **Next Steps**



VSU Tree Campus USA Meeting Agenda

Thursday, March 14, 2024 @ 3:30 PM

Format- ZOOM- Virtual

Agenda:

- **Arbor Day 2024 – 10th Annual Designation of Tree Campus USA – Group Discussion**
 - Tentative Date –April 23 @ 10 am (rain date April 25)
 - Tentative Location - VSU's Heritage Tree (170-yr old Magnolia tree at the former Walmsley estate).
 - Potential to get a plaque for the heritage tree and do a ceremony during the event.
 - If we go with this location invitations should be sent to the Wamsley family and Concerned Citizens of Ettrick.
 - Tree planting can occur in island medians and outside of parking lot near this location.
 - Tentative Guest List
 - Dr. Abdullah, President of VSU
 - Dr. Corley, Dean of the College of Agriculture
 - Dr. Janine Woods, Associate Administrator Cooperative Extension
 - The Wamsley family
 - Concerned Citizens of Ettrick
 - Tentative Program
 - Dedicate plaque at base of tree
 - Plant Red Maples on the edge of Howard Quad II because it has least likelihood of being impacted later
 - Filterra Demonstration
 - Other? – (Ideas previously discussed – Recycling Group/Big Belly presentation; BioBlitz, etc.)
 - Save the Date and Plaque language were reviewed with no review comments.
- **Follow up from last meeting:**
 - Save the Date and Plaque language requires approval
 - Contact with dignitaries/special guests
 - Tree sourcing of red maple



VSU Tree Campus USA Meeting Agenda

Tuesday, April 2, 2024 @ 3 PM

Format: ZOOM- Virtual

Agenda:

- **Arbor Day 2024 – 10th Annual Designation of Tree Campus USA – Group Discussion**
 - April 23 @ 10 am (rain date April 25)
 - Location - VSU's Heritage Tree (170-yr old Magnolia tree at the former Wamsley estate).
 - Plaque will be dedicated at the Heritage tree with a small ceremony
 - Plaque language:
 - Southern Magnolia Heritage Tree
 - (Magnolia grandiflora)
 - Planted by Christian Herring on his family property c. 1851
 - [TREE CLIP ART]
 - Virginia State University
 - A Tree Campus USA
 - April 23, 2024
 - Invitations will be sent to the Wamsley family and Concerned Citizens of Ettrick.
 - Tentative Guest List (Jane will invite Dr. Corley, Joel will contact Rob Farrell)
 - Dr. Abdullah, President of VSU
 - Dr. Corley, Dean of the College of Agriculture
 - Dr. Janine Woods, Associate Administrator Cooperative Extension
 - The Wamsley family
 - Concerned Citizens of Ettrick
 - Order of Events
 - Dedication of Heritage Tree
 - Presentation of 10th Annual Tree Campus USA Re-certification
 - Stormwater Management Facility Walking Tour and Discussion of the Role of Trees in Stormwater Management (Highlight on Filterras)
 - Tree Planting along Quad II (Lee Street)
 - Red Maples / Swamp White Oak
 - Joel will visit the site and make a recommendation.
 - Joel will lead the tree planting and discuss the importance of post-planting maintenance
 - Filterra Demonstration
 - EXACT will provide the supplies to discuss the function of the Filterra and how to maintain the BMP
 - Matt Whalen and Sarah Melissa Witiak will lead an activity examining the soil from the tree pits and the Filterra media and discuss the ecosystem findings.
 - Campus Clean-up
 - Materials and equipment will be provided for a campus clean up activity.



VSU Tree Campus USA Meeting Agenda

Tuesday, April 2, 2024 @ 3 PM

- **Draft Program:**
 - 9:30 am – Registration
 - 10 am – Ceremony
 - 10:15 am – Walking Tour – The Importance of Trees in Stormwater Management
 - Start at Heritage Tree
 - Filterras
 - Hidden Stormwater Management
 - Tree Planting and Post Planting Maintenance
 - 10:45 am – 12 pm – Commence Activities (concurrent)
 - Tree Planting
 - Ecosystem Activity
 - Campus Clean Up
- **Snacks and waters?**
- **Review Map and Flyer**
- **Action Items**
- **Next Meeting – Thursday, April 18 @ 3PM?**



VSU Tree Campus USA Meeting Agenda

Thursday, April 18, 2024 @ 3 PM

Format: ZOOM- Virtual

Attendees: Hailey Fry, Sheila Reeve, Aislinn Creel, Alanna Ostrowski, Jane Harris, Gil Hanzlik, Jonathan Taylor, Joel Koci, Corey Simonpietri, Kimberly Conley

Minutes:

- **Arbor Day 2024 – 10th Annual Designation of Tree Campus USA – Group Discussion**
 - April 23 @ 10 am (rain date April 25)
 - Location - VSU's Heritage Tree (170-yr old Magnolia tree at the former Walmsley estate).
 - Guest List
 - Dr. Corley, Dean of the College of Agriculture
 - Three members of the Wamsley family
 - Concerned Citizens of Ettrick
 - Wayne Covil
 - Kevin Carroll
 - Order of Events
 - Welcome – Jane Harris
 - Presentation of 10th Annual Tree Campus USA Re-certification – Kevin Carroll
 - Dedication of Heritage Tree – Wayne Covil
 - Tree Planting Demonstration – Joel and Neal
 - Stormwater Management Facility Walking Tour and Discussion of the Role of Trees in Stormwater Management (Highlight on Filterras) – Aislinn and Corey
 - Tree Planting (Boisseau Street)
 - 4 Yoshino Cherry Trees
 - Filterra Demonstration
 - EXACT will provide the supplies to discuss the function of the Filterra and how to maintain the BMP
 - Matt Whalen and Sarah Melissa Witiak will lead an activity examining the soil from the tree pits and the Filterra media and discuss the ecosystem findings.
 - Campus Clean-up
 - Materials and equipment will be provided for a campus clean up activity.
- **Action Items**
 - There is a 1st year student service event on this Saturday (4/20)
 - The trees will arrive on Saturday (4/20)
 - Gil will ensure the holes are dug on Monday, Matt Whalen will be informed so he can gather the dirt necessary for his class
 - Gil will provide two tents, one for presenter one for attendees
 - Dr Corley will place the recertification on during the ceremony

**SOLAR POWERED TRASH COMPACTORS
ONGOING DURING REPORTING PERIOD**

VSU Implements an Innovative New Approach to Eco-Friendly Waste Disposal

August 11, 2023

University goes green by adding self-sufficient solar-powered trash compactors with innovative features and environmental benefits.

Virginia State University has taken another step toward going green and expanding its effort for a cleaner campus. Fifty (50) new solar-powered trash compactors have been placed around campus ahead of the 2023 fall semester. Each unit can compact up to 150 gallons of trash, five times the capacity of current waste receptacles.

"The increased capacity of these solar compactors will have multiple eco-friendly benefits while reducing trash overflow to keep our campus clean," said Jane Harris, Associate Vice President of Facilities and Capital Outlay. "While they may look like a traditional trash can, these units are far GREATER than that and continue to showcase our mantra that Greater Happens Here."

In addition to supporting a greener environment, solar-powered compactors boast an essential safety feature. All units have a foot pedal to operate the door, eliminating the need to touch handles.

The units will also allow facilities staff to work more efficiently. They will have access to an online dashboard that reports the status of each unit and its location on campus and provides facilities personnel with collection information. A wireless monitoring system will notify them automatically when a compactor requires maintenance or needs to be emptied.

Colorfully wrapped with VSU branding, these innovative compactors are easy to spot and will supplement the current inventory of dumpsters and approximately 100 traditional trash bins. (photos attached)

In the past, VSU has been awarded a Tree Campus USA Award, which recognizes the university's commitment to its campus forest management and environmental stewardship.



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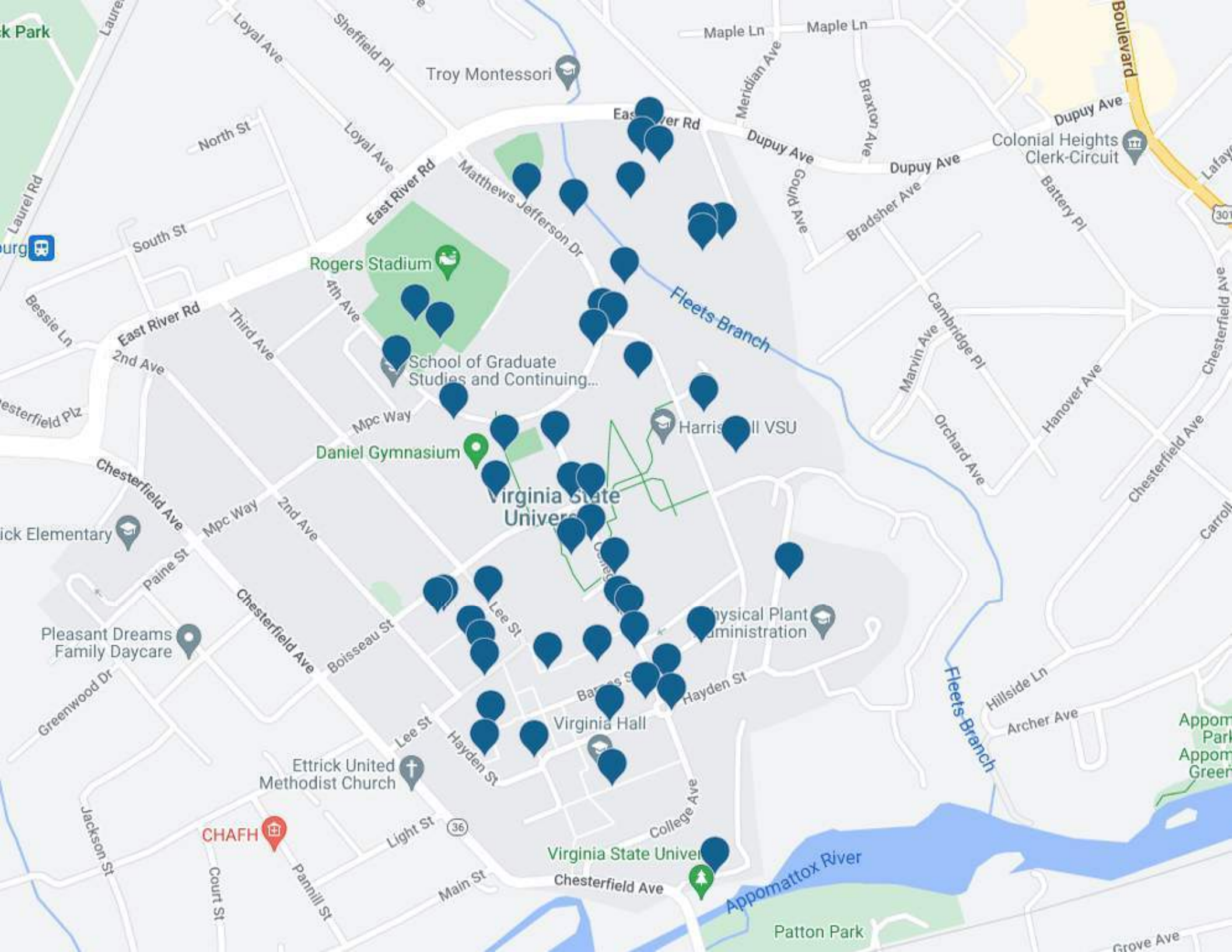
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Troy Montessori

Rogers Stadium

School of Graduate Studies and Continuing...

Daniel Gymnasium

Virginia State University

Harris Hall VSU

Physical Plant Administration

Virginia Hall

Virginia State University

CHAFH

Etrick United Methodist Church

Appomattox River

Patton Park

Appomattox Park
Appomattox Green

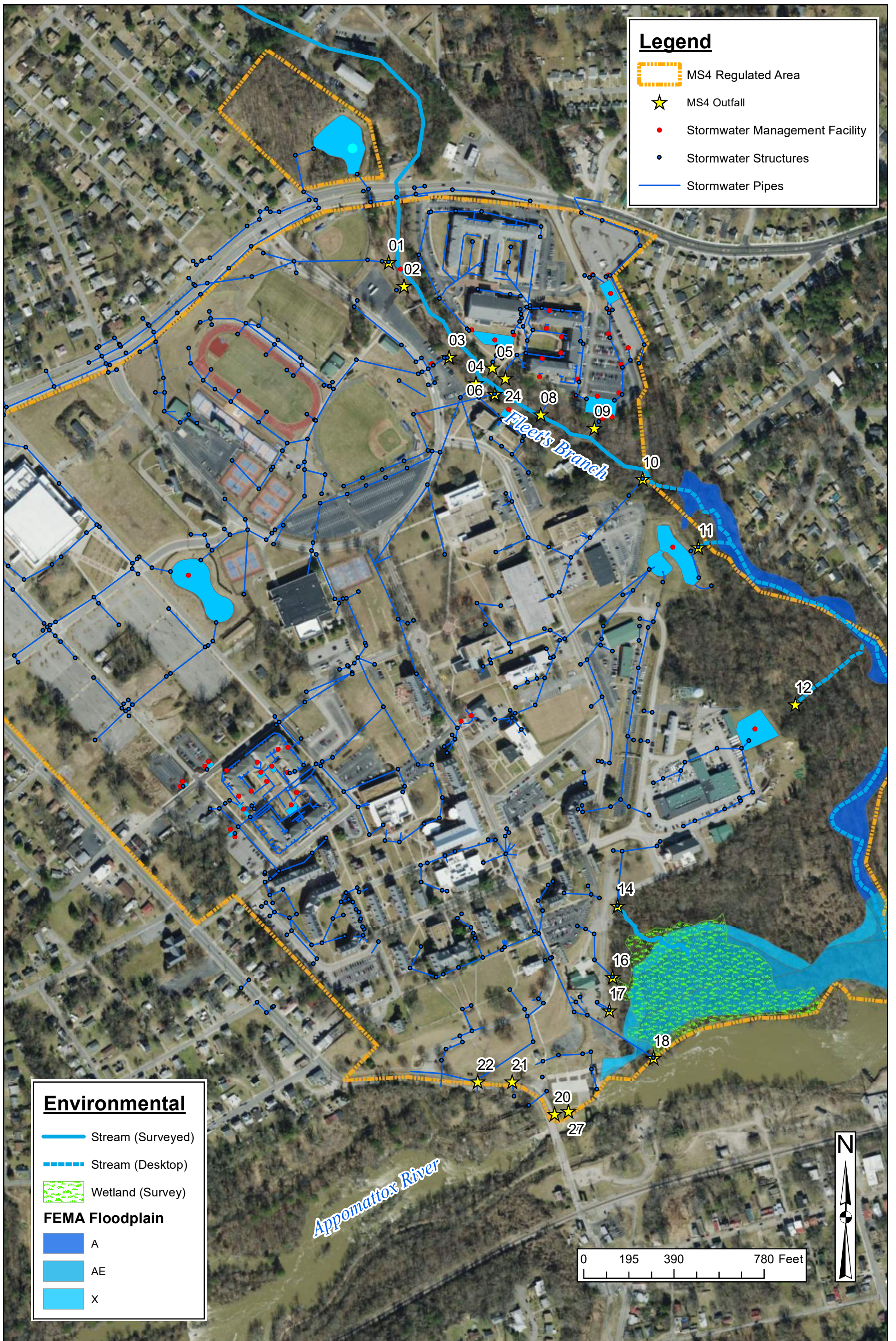
**MCM 3 ILLICIT DISCHARGE DETECTION & ELIMINATION
DOCUMENTATION**

VSU

Illicit Discharge Detection Summary

Inspections Conducted on May 30, 2024

Outfall ID	Potential Illicit Discharge Detected?	Recommendations
1	No	Trash, sediment and debris removal recommended. Erosion of the pool and concrete should be monitored.
2	No	Monitor head cut into receiving stream.
3	No	Trash and debris removal recommended.
4	No	Rip rap repair, and removal of trees and woody vegetation along head wall recommended.
5	No	Trash removal, sediment and landscaping debris removal recommended.
6	No	Vegetation maintenance and sediment removal recommended.
8	No	Headcutting present, repair recommended. Debris and sediment removal from weir recommended.
9	No	Tree has fallen and likely disjointed pipe, repair recommended. Sediment, debris, and trash removal recommended.
10	No	Outfall stabilization needed ASAP due to significant erosion. Trash removal recommended.
11	No	BMP outfall. The BMP is covered with duckweed. Headwall of pipe is eroding. Trash removal recommended.
12	No	Recommend removal of tree debris/branches.
		Recommend stabilization. Could hear flow in the pipe but not observed (indicates possible disjointed pipe upstream).
14	No	Recommend removal of trash and excess vegetation.
16	No	Trash and debris recommended for removal. Downstream stabilization recommended due to erosion.
17	No	Trash, sediment, and debris recommended for removal.
18	No	Pipe(VC) is crushed and needs repair. Excess vegetation and debris recommended for removal. A VSU staff member reported that changes to the flow leading to the outfall have been observed over time. The staff member suspects there could be a water line leak upstream that contributes flow to this outfall. It is recommended that VSU staff perform follow-up investigations to determine the presence of cross-connection or water line break.
20	No	Trash, vegetation, and sediment removal recommended.
21	No	Trash and debris removal recommended. Eroding channel and headwall stability should be monitored.
22	No	Trash removal recommended. Erosion in pool and concrete pipe deterioration should be monitored.
24	No	Sink hole on pipe, head cutting at outfall, maintenance required.
27	No	Vegetation and debris removal recommended.



**Virginia State University
MS4 Map
August 2023**



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 01	Date and Time: May 30, 2024 8:43 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	Yes	If yes:	Approx. Discharge Rate: Trickle
			Approx. Depth of Flow (in): 0.1

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	3
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green	2

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in pool and rip rap	3
Erosion	YES	Pool erosion	3
Physical Damage	YES	Concrete deteriorating	2

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years, there was no smell or turbidity, and investigation upstream could not determine a source. No changes to the flow were found upstream within the investigated reach or drainage area. Reddish staining on rocks in pool and in pipe could indicate potential high iron concentrations or ground water present and should continue to be monitored. Erosion of pool and stability of concrete should be monitored. Some trash, sediment and debris present in outfall pool that is recommended to be removed.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 01	Date and Time: May 30, 2024 8:43 AM	Inspector: HF & RH

VICINITY MAP

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-77.41965233037374, 37.24294698136227

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 02	Date and Time: May 30, 2024 8:35 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	N/A	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	1
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Trash accumulation in pool.	2
Erosion	YES	Slight head cut into receiving channel.	2
Physical Damage	No	N/A	N/A

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>The pipe looked clear of both flow and illicit discharge indicators. Slight head cut into receiving stream, should continue to be monitored.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 02	Date and Time: May 30, 2024 8:35 AM	Inspector: HF & RH

VICINITY MAP

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-77.41942758062497, 37.242576328665656

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 03	Date and Time: May 30, 2024 8:53 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate:	Moderate
			Approx. Depth of Flow (in):	2

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	YES	Suds	2
Deposits/Stains	YES	Flowline	3
Poor Pool Quality	YES	Suds	2
Pipe Benthic Growth	YES	Green	2

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in outfall pool.	1
Erosion	No	N/A	N/A
Physical Damage	No	N/A	N/A

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years, there was no smell or turbidity, minnows were present swimming in pool, and investigation upstream could not determine a source. No changes to the flow were found upstream within the investigated reach or drainage area. Green algae was present in pipe toward top of flowline. Suds were present in pipe and pool, but not suspected as illicit since it was the only indicator. Some trash and debris present in the outfall pool that is recommended to be removed.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 03	Date and Time: May 30, 2024 8:53 AM	Inspector: HF & RH

VICINITY MAP

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-77.4187564344047, 37.241770531530335

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 04	Date and Time: May 30, 2024 9:02 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate: Moderate	
			Approx. Depth of Flow (in): 0.5	

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	YES	Suds	1
Pipe Benthic Growth	YES	Green	1

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	No	N/A	N/A
Erosion	No	N/A	N/A
Physical Damage	No	Woody vegetation growing along headwall, should be removed before damage is caused.	N/A

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of illicit discharge because the flow rate has been steady over the course of many years and there was no smell or turbidity, and investigation upstream could not determine a source. No changes to the flow were found upstream within the investigated reach or drainage area. Riprap in outfall pool has been covered by concrete. Removal of trees and woody vegetation along head wall is recommended to prevent future damage.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 04	Date and Time: May 30, 2024 9:02 AM	Inspector: HF & RH

VICINITY MAP

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-77.41842817116984, 37.24147606891409

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 05	Date and Time: May 30, 2024 9:08 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	YES	Rancid/sour	1
Turbidity	No	See Severity Index	N/A
Floatables	YES	Petroleum sheen	1
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	YES	Oil Sheen, Odors	1
Pipe Benthic Growth	YES	Green	1

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	YES	Flow path blocked by sediment and vegetation.	2
Trash	YES	Accumulation in outfall pool.	2
Erosion	No	N/A	N/A
Physical Damage	No	N/A	N/A

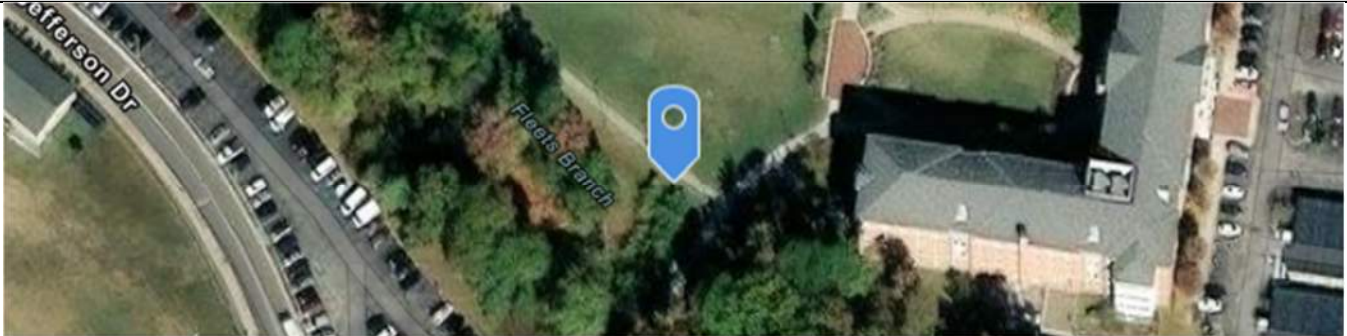
NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>An illicit discharge is not suspected at this location. The outfall is submerged and is believed to be anaerobic as indicated by the water quality at the pool, including the presence of algae, trash, sediment, oil sheen, foul odor, and debris could indicate pollutants due to the water sitting stagnant for long periods of time. With excessive trash, sediment and debris removed, it is believed the water would be able to flow freely and the water quality could improve.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 05	Date and Time: May 30, 2024 9:08 AM	Inspector: HF & RH

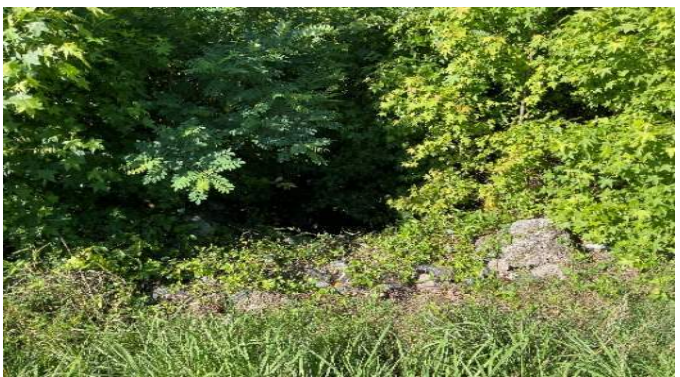
VICINITY MAP



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-77.41816097940519, 37.24172817186472

PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 06	Date and Time: May 30, 2024 9:24 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	Yes	If yes:	Approx. Discharge Rate: Trickle
			Approx. Depth of Flow (in): 0.1

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	NA
Trash	YES	Accumulation around pipe.	2
Erosion	YES	Channelization from pipe to stream.	2
Physical Damage	No	N/A	N/A

NOTES	
<input checked="" type="checkbox"/>	An illicit discharge is not suspected at this location.
<input type="checkbox"/>	An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.
<input type="checkbox"/>	An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.
<p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years and there was no smell or turbidity, and investigation upstream could not determine a source. No changes to the flow were found upstream within the investigated reach or drainage area. Outfall is partially blocked by vegetation, sediment and riprap/broken concrete. Recommend vegetation maintenance and sedimentation removal at outfall. Channelization into the stream should continue to be monitored.</p>	



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 06	Date and Time: May 30, 2024 9:24 AM	Inspector: HF & RH

VICINITY MAP

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-77.41814451841259, 37.24128630774213

PHOTOGRAPHS

The photographs show a stream or ditch with dense vegetation, fallen branches, and some debris. The water appears to be flowing through a narrow channel.



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 08	Date and Time: May 30, 2024 11:38 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate:	Trickle
			Approx. Depth of Flow (in):	0.1

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	3
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green	3

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No		N/A
Trash	YES	Debris build up at weir.	3
Erosion	YES	Head cut present around structure.	3
Physical Damage	No		N/A

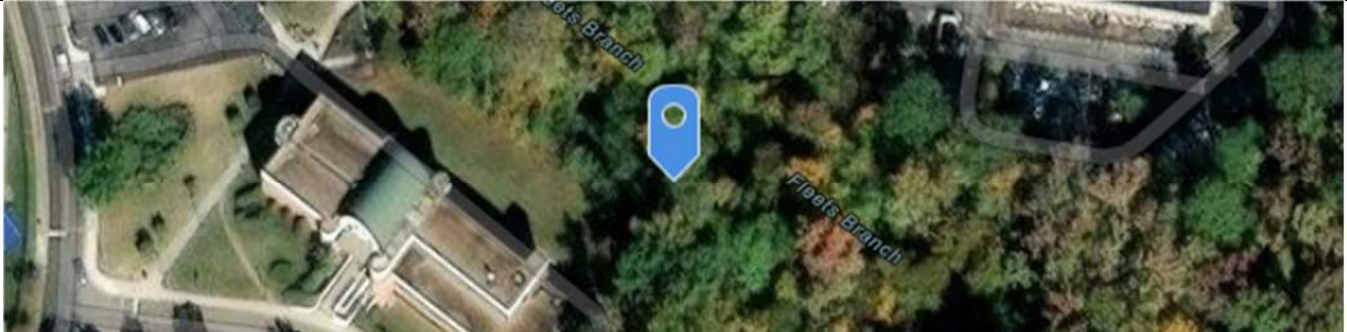
NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of an illicit discharge, there was no smell or turbidity, and investigation upstream could not determine a source. Outfall channel experiencing excessive head cutting. Debris and sediment accumulation surrounding outfall and weir should be removed.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 08	Date and Time: May 30, 2024 11:38 AM	Inspector: HF & RH

VICINITY MAP



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-77.41755075033653, 37.24102510711118

PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 09	Date and Time: May 30, 2024 11:31 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	FlowLine	3
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green	3

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	YES	Sediment build-up in pipe and riprap partially buried.	2
Trash	YES	Accumulation surrounding outfall.	3
Erosion	YES	Outfall channel eroded.	2
Physical Damage	YES	Tree fallen over outfall. Flume potentially disjointed.	2

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>No illicit discharge is suspected. Nearby tree has fallen on top of outlet pipe and pool. Removal of fallen tree, trash, sediment, and debris is recommended. Dark green algae present in flume.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 09	Date and Time: May 30, 2024 11:31 AM	Inspector: HF & RH

VICINITY MAP

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-77.41672160943249, 37.24088515332038

PHOTOGRAPHS

The photographs document the stormwater outfall. The top-left image shows a concrete pipe opening with some vegetation. The top-right image shows a wooded area with a fallen log and some debris. The bottom-left image shows a close-up of the outfall pipe with water flowing out. The bottom-right image shows a close-up of the outfall pipe with a large log and debris blocking it.



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 10	Date and Time: May 30, 2024 9:43 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate: Moderate	
			Approx. Depth of Flow (in): 0.2	

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	YES	Chlorine or cleaning product	1
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in rip rap.	3
Erosion	YES	Significant head cutting and loose material.	3
Physical Damage	No	N/A	N/A

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years, and the smell has been consistent. Upstream investigations have not found an illicit discharge. Removal of trash and concrete on top of rip rap is recommended. Erosion around outfall pipe should be addressed as it is causing significant head cutting.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 10	Date and Time: May 30, 2024 9:43 AM	Inspector: HF & RH

VICINITY MAP

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-77.41589747870081, 37.240219410646

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 11	Date and Time: May 30, 2024 9:56 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate:	Moderate
			Approx. Depth of Flow (in):	4

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	YES	Rancid/sour	2
Turbidity	YES	See Severity Index	2
Floatables	YES	Suds	2
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	YES	Odors, Suds	2
Pipe Benthic Growth	YES	Orange, brown	2

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in rip rap.	2
Erosion	No	N/A	N/A
Physical Damage	YES	Concrete deterioration.	3

NOTES	
<input checked="" type="checkbox"/>	An illicit discharge is not suspected at this location.
<input type="checkbox"/>	An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.
<input type="checkbox"/>	An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.
<p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years. It is important to note this is the outfall to an upstream BMP (BMP #30). The BMP has noted excessive duckweed. The presence of duckweed in combination with the pollutant indicators observed at the outfall indicates that the pond likely has turned anaerobic, which would be the cause of the odor, turbidity, and algae. Headwall of pipe is experiencing erosion. Removal of trash in rip rap is recommended.</p>	

If an illicit discharge is suspected, immediately contact Capital Outlay & Facilities and complete the *Illicit Discharge Investigation Form* (Version 2019).



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 11	Date and Time: May 30, 2024 9:56 AM	Inspector: HF & RH

VICINITY MAP

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-77.41506276619184, 37.239455990880344

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 12	Date and Time: May 30, 2024 10:12 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	YES	Rancid/sour	1
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	No	N/A	N/A
Erosion	No	N/A	N/A
Physical Damage	YES	Pipe appears disjointed.	1

NOTES	
<input checked="" type="checkbox"/>	An illicit discharge is not suspected at this location.
<input type="checkbox"/>	An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.
<input type="checkbox"/>	An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.
<p>The pipe looked clear of both flow and illicit discharge. It is recommend the outfall be cleared of yard debris currently obstructing the outfall.</p>	



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 12	Date and Time: May 30, 2024 10:12 AM	Inspector: HF & RH

VICINITY MAP



PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 14	Date and Time: May 30, 2024 10:24 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	No	N/A	N/A
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in rip rap.	2
Erosion	YES	Sink holes, head cutting and slope failure around pipe.	3
Physical Damage	YES	Could hear flow in the pipe but not observed in pipe (indicates possible disjointed pipe upstream).	2

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Double barrel pipes looked clear of illicit discharge indicators. Can hear flow in pipes and see it flowing through the rip rap but no flow was observed in pipes, indicating possible disjointed pipe upstream. Head cutting and sink holes present in pool. Vegetation and trash in rip rap recommended to be removed.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 14	Date and Time: May 30, 2024 10:24 AM	Inspector: HF & RH

VICINITY MAP



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-77.41625561493312, 37.23512092171828

PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 16	Date and Time: May 30, 2024 10:38 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate:	Trickle
			Approx. Depth of Flow (in):	0.1

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	No	N/A	N/A
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green, Brown	2

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No		N/A
Trash	No	N/A	N/A
Erosion	YES	Significant erosion at pipe outfall and downstream toward receiving channel.	3
Physical Damage	No		N/A

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years and there was no smell or turbidity, and investigation upstream lead to discovery of backwatered inlets. It is believed the most upstream inlet in Lot 6 is partially blocked or undersized. Pipe is filled with sediment. Excess vegetation and some trash present in outfall pool that is recommended to be removed. Significant erosion has developed defined channelization downstream of outfall pool which will require stabilization.</p>

If an illicit discharge is suspected, immediately contact Capital Outlay & Facilities and complete the *Illicit Discharge Investigation Form* (Version 2019).



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 16	Date and Time: May 30, 2024 10:38 AM	Inspector: HF & RH

VICINITY MAP



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-77.41652512551707, 37.23441688499127

PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 17	Date and Time: May 30, 2024 10:32 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	No	N/A	N/A
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	YES	Excess sediment buildup.	2
Trash	YES	Excess yard debris blocking pipe.	3
Erosion	No		N/A
Physical Damage	No		N/A

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>The pipe looked clear of both flow and illicit discharge indicators. There was a significant amount of sediment and vegetation buildup in the outfall pool, as well as yard debris blocking obstructing flow path. It is recommended the sediment, trash and landscape debris be removed from the pipe as well as the outfall pool.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 17	Date and Time: May 30, 2024 10:32 AM	Inspector: HF & RH

VICINITY MAP

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-77.416450693021, 37.23405936200151

PHOTOGRAPHS

The photographs show the outfall area from four different perspectives. The top-left photo shows a large pile of brush and debris. The top-right photo shows a rocky area with some trash. The bottom-left photo shows a rocky area with brush. The bottom-right photo shows a close-up of a pipe or culvert opening surrounded by brush and debris.



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 18	Date and Time: May 30, 2024 10:49 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate:	Moderate
			Approx. Depth of Flow (in):	0.5

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	YES	Excessive Algae	3
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	No	N/A	N/A
Erosion	YES	Significant erosion at pipe outfall	3
Physical Damage	YES	Pipe crushed	3

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Outfall 18 is located along the Appomattox River and was difficult to access due to excessive vegetation. The outfall was crushed by multiple tree branches and roots, it is recommended it be restored because it is not functioning as intended. Not suspected of an illicit discharge because the flow rate has been steady over the course of many years, there was no smell or turbidity. A VSU staff member indicated they noticed flow in the system upstream of this outfall and investigated to determine a potential source. The staff member indicated that they believe it to be a water line leak at the round-about where College Ave and Hayden St meet. Based on our own upstream investigations, it is believed the source of the flow does occur between College Ave and Hayden St structures due to the change in flow presence between them. It is recommended additional follow-up is done to determine the true cause of the flow.</p>

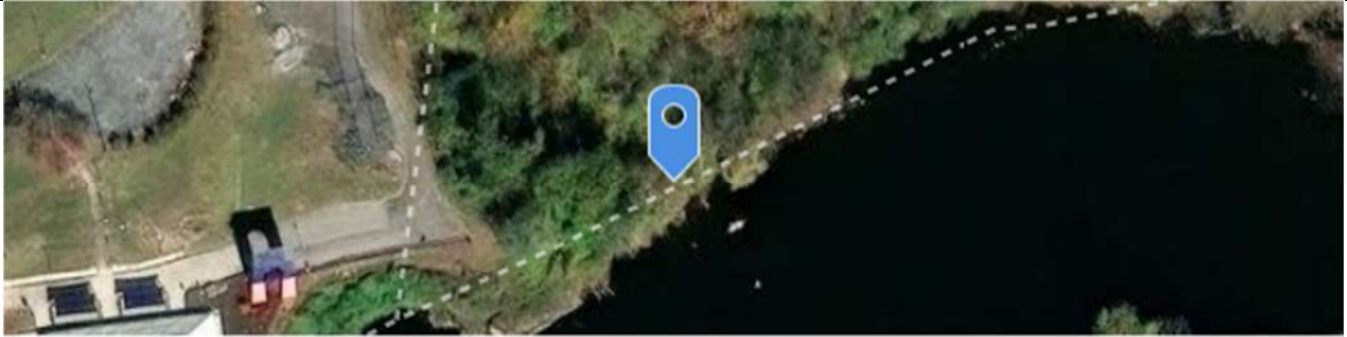
If an illicit discharge is suspected, immediately contact Capital Outlay & Facilities and complete the *Illicit Discharge Investigation Form* (Version 2019).



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 18	Date and Time: May 30, 2024 10:49 AM	Inspector: HF & RH

VICINITY MAP



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-77.4158497414138, 37.2334133213309

PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 20	Date and Time: May 30, 2024 11:00 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	No	N/A	N/A
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	YES	Pipe half full of sediment and growing vegetation.	3
Trash	YES	Accumulation around outfall pipe.	2
Erosion	No	N/A	N/A
Physical Damage	YES	Concrete deterioration .	1

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>The pipe looked clear of both flow and illicit discharge indicators. It is recommended the outfall be cleared of vegetation, trash, and sediment accumulation. Small cracks can be seen within headwall of outlet structure and should be monitored.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 20	Date and Time: May 30, 2024 11:00 AM	Inspector: HF & RH

VICINITY MAP

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-77.41737464556141, 37.232763898792996

PHOTOGRAPHS



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 21	Date and Time: May 30, 2024 11:10 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	1
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	No	N/A	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No		N/A
Trash	YES	Accumulation in outfall pool.	2
Erosion	YES	Bare dirt appears recently exposed.	3
Physical Damage	YES	Head wall deteriorating.	3

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>The pipe looked clear of both flow and illicit discharge indicators. Accumulation of trash and debris in outfall pool recommended for removal. Significant erosion in channel as well as the headwall, and should be monitored.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 21	Date and Time: May 30, 2024 11:10 AM	Inspector: HF & RH

VICINITY MAP

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-77.41793268882023, 37.23290127238444

PHOTOGRAPHS

The photographs show various stages of stormwater outfall screening. The top-left photo shows a rocky stream bed with dense vegetation. The top-right photo shows a grassy slope with a small stream. The bottom-left photo shows a pipe opening obscured by branches and debris. The bottom-right photo shows a stone wall with a stream flowing through a gap, surrounded by vegetation.



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 22	Date and Time: May 30, 2024 11:16 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW				
Present?	Yes	If yes:	Approx. Discharge Rate:	Substantial
			Approx. Depth of Flow (in):	0.5

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	3
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green	3

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in outfall pool.	2
Erosion	YES	Erosion present in pool.	2
Physical Damage	YES	Concrete deterioration of pipe.	1

NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of an illicit discharge because the flow rate has been steady over the course of many years and there was no smell or turbidity, and investigation upstream could not determine a source. Upstream pipe junction inlet was vegetated over. Vegetation maintenance is recommended. Algae was present across most of the flow line. Concrete deterioration is present along edges of pipe. Trash and sediment in outfall pool recommended for removed.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 22	Date and Time: May 30, 2024 11:16 AM	Inspector: HF & RH

VICINITY MAP

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-77.41850190746953, 37.23302600992843

PHOTOGRAPHS

The photographs show a concrete stormwater outfall pipe opening. The pipe is partially obscured by dense green vegetation, including large-leafed plants and weeds. The surrounding area appears to be a mix of natural ground and paved surfaces. The photos provide different perspectives of the outfall, highlighting its integration into the natural environment.



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 24	Date and Time: May 30, 2024 9:14 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	No	If yes:	Approx. Discharge Rate: N/A
			Approx. Depth of Flow (in): N/A

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	NA	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	NA	N/A
Deposits/Stains	No	NA	N/A
Poor Pool Quality	No	NA	N/A
Pipe Benthic Growth	No	NA	N/A

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	YES	Accumulation in sinkhole above pipe.	1
Erosion	YES	Sinkhole present at joint between pipe and flume. Head cut at outfall.	3
Physical Damage	YES	Pipe and flume are disjointed. Flow not reaching flume.	2

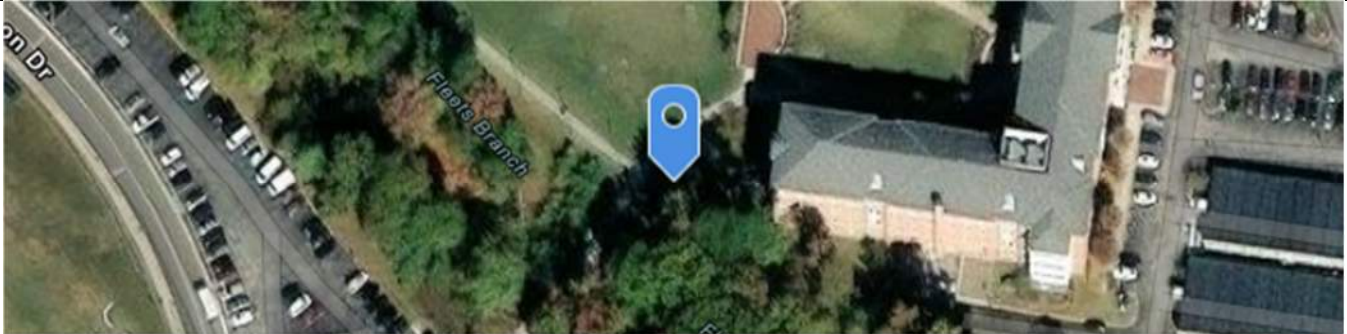
NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>The pipe looked clear of both flow and illicit discharge indicators. Observed sink hole at top of pipe and it is visible that the pipe and flume are disjointed. Head cut is present at outfall. Repair of the pipe and flume as well as the removal of trash in the sinkhole is required.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 24	Date and Time: May 30, 2024 9:14 AM	Inspector: HF & RH

VICINITY MAP



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-77.4179592764772, 37.24167258874403

PHOTOGRAPHS





MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 27	Date and Time: May 30, 2024 11:04 AM	Inspector: Hailey Fry & Reed Haske

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	Yes	If yes:	Approx. Discharge Rate: Trickle
			Approx. Depth of Flow (in): 0.1

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	2
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green	2

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No	N/A	N/A
Trash	No	N/A	N/A
Erosion	YES	Pool lacks definition. Excess vegetation present.	
Physical Damage	No	N/A	N/A

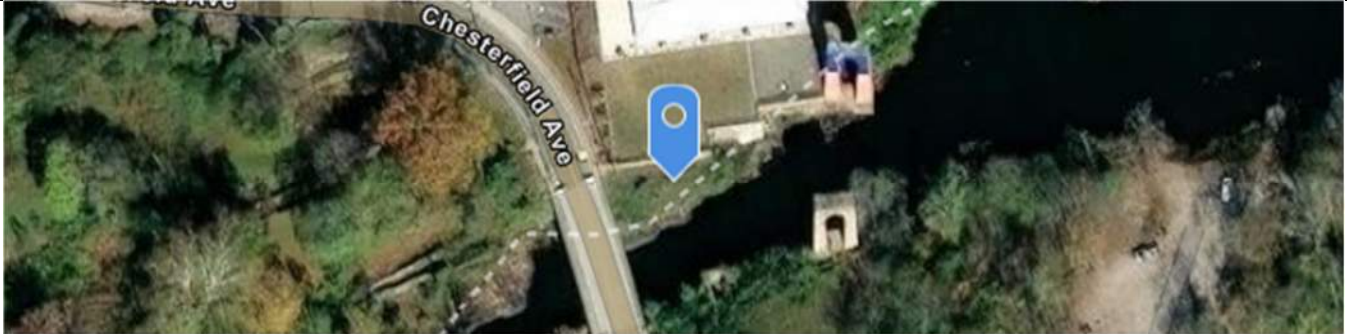
NOTES
<p><input checked="" type="checkbox"/> An illicit discharge is not suspected at this location.</p> <p><input type="checkbox"/> An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.</p> <p><input type="checkbox"/> An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.</p> <p>Not suspected of illicit discharge because the flow rate has been steady over the course of many years, there was no smell or turbidity, and investigation upstream could not determine a source. Algae can be seen at the top of the flowline. Excess vegetation should be removed to establish a defined pool and ensure intended flow out of pipe.</p>



MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 27	Date and Time: May 30, 2024 11:04 AM	Inspector: HF & RH

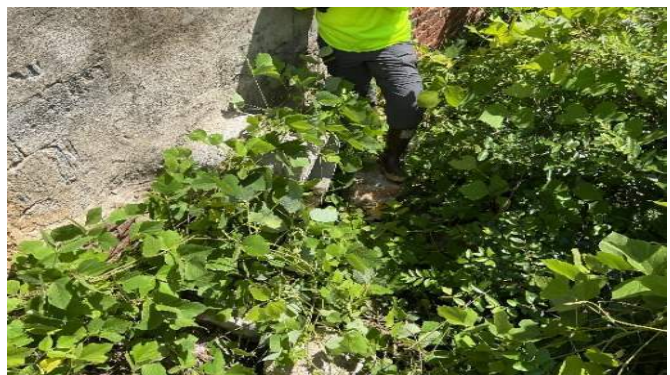
VICINITY MAP



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-77.41725110647023, 37.232753227223164

PHOTOGRAPHS



**MCM 4 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL
DOCUMENTATION**



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Steve Vargo
 Inspection Date: 07-13-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
07-07-2023	0.53"	SV

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|--|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input checked="" type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 07/20/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Steve Vargo 07/15/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 07-17-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Steve Vargo
 Inspection Date: 07-26-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
07-07-2023	0.53"	SV

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|--|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input checked="" type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/03/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Steve Vargo 07/31/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-1-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 08-04-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-04-2023	1.05"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|--|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input checked="" type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/10/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/04/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-08-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 08-10-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-10-2023	0.13"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/16/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/10/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-14-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 08-16-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-14-2023	0.01"	MB
08-15-2023	0.01"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/22/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/16/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-21-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 08-22-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-14-2023	0.01"	MB
08-15-2023	0.01"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/28/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/22/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-23-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 08-28-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-25-2023	0.04"	MB
08-27-2023	0.07"	MB
08-28-2023	0.29"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 09/01/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/28/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-29-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 09-01-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-28-2023	0.29"	MB
08-30-2023	0.05"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 09/08/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 09/01/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 09-05-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

SITE INSPECTION PHOTOS





SITE INSPECTION PHOTOS





SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Travis Biskup
 Inspection Date: 09-20-2023 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
09-15-2023	0.00"	TB
09-16-2023	0.00"	TB
09-17-2023	0.27"	TB
09-18-2023	1.11"	TB
09-19-2023	0.00"	TB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

Pre-Construction Conference Building Construction Construction of SWM Facilities
 Clearing & Grubbing Finish Grading Maintenance of SWM Facilities
 Rough Grading Final Stabilization Other: _____

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Replacement of straw bales along Carter G woodson Ave recommended.
2				
3				
4				

- Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
- Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 09/26/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Travis Biskup 09/20/23

Acknowledgement of on-site report receipt:	<u>Eddie Hutcherson</u> <small>Print Name</small>	 <small>Signature</small>	<u>09-21-2023</u> <small>Date</small>
This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:			



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 10-02-2023 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Inlet protection damaged along western site perimeter.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 10/06/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 10/02/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 10-05-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 10-24-2023 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
10-20-2023	0.54"	MB
10-21-2023	0.01"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Silt fence damaged but still functional along College Avenue.
2				Silt fence repaired along Carter G Woodson Avenue.
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 10/30/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 10/24/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 11-01-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 10-30-2023 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Silt fence damaged but still functional along College Avenue.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 11/03/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 10/30/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 11-01-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





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Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

SITE INSPECTION PHOTOS





SITE INSPECTION PHOTOS



Notes

Soil stockpile referenced in item #3 is located east of the northern site entrance, along College Avenue. Stability has improved due to vegetative growth, but replacement of silt fence fabric is recommended.



SITE INSPECTION PHOTOS



Notes



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Notes



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Notes



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Notes



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Notes



SITE INSPECTION PHOTOS



Notes

Inlet protection undercut near College Avenue north site entrance, stabilization and retrenching of silt fence fabric required. A picture is included above.



SITE INSPECTION PHOTOS



Notes

Erosion present north of a steam manhole along Carter G Woodson Avenue, undercutting nearby silt fence. Restabilization of the affected area required, a picture is included above.



SITE INSPECTION PHOTOS



Notes



SITE INSPECTION PHOTOS



Notes

Silt fence along Carter G Woodson Avenue has been damaged by displaced wooden planks, bowing the fence outward and tearing fabric. Recommendations are to pull building materials away from perimeter controls and repair the affected segment of silt fence.



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 03-19-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
03-15-2024	0.02	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Silt fence repaired along Carter G Woodson Avenue.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 03/25/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 03/21/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 03-25-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 03-25-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
03-23-2024	0.94	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 03/29/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 03/27/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 03-27-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes



SITE INSPECTION PHOTOS



Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 04-04-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
03-31-2024	0.12	MB
04-01-2024	0.01	MB
04-03-2024	0.52	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Silt fence fabric detached from stakes around soil stockpile. See notes on next page for details.
2				Straw bales flattened along Carter G Woodson Avenue. See notes on next page for details.
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 04/10/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 04/09/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 04-09-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes

Silt fence fabric detached from stakes at northwest site entrance, along College Avenue. Fabric replacement required.

Straw bales flattened along Carter G Woodson Avenue, replacement recommended to improve perimeter control effectiveness.



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 04-10-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Silt fence fabric requires retrenching around soil stockpile. See notes on next page for details.
2				Straw bales flattened along Carter G Woodson Avenue. See notes on next page for details.
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 04/16/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 04/10/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 04-11-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes

Silt fence fabric undercut around soil stockpile at northwest site entrance, along College Avenue. Retrenching of fabric required, removal of debris recommended.

Straw bales flattened along Carter G Woodson Avenue, recommend avoiding placement of materials on top of bales. Replacement required to improve perimeter control effectiveness.



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 04-16-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
04-11-2024	0.01	MB
04-12-2024	0.16	MB
04-15-2024	0.61	MB
04-16-2024	0.01	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Straw bales flattened along Carter G Woodson Avenue. See notes on next page for details.
2				Silt fence fabric detached from stakes along Carter G Woodson Avenue, reattachment of fabric required.
3				Silt fence fabric repaired around College Avenue soil stockpile, stored materials relocated.
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 04/22/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 04/18/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 04-18-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes

Item# 1: Straw bales flattened along Carter G Woodson Avenue, recommend avoiding placement of materials on top of bales. Replacement required to improve perimeter control effectiveness.



SITE INSPECTION PHOTOS



Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 04-28-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
04-24-2024	0.24	MB
04-25-2024	0.01	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Silt fence repaired along Carter G Woodson Avenue.
2				Straw bales along Carter G Woodson Avenue displaced by construction materials. Replacement of bales and relocation of materials recommended.
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 05/03/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 04/30/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 05-01-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



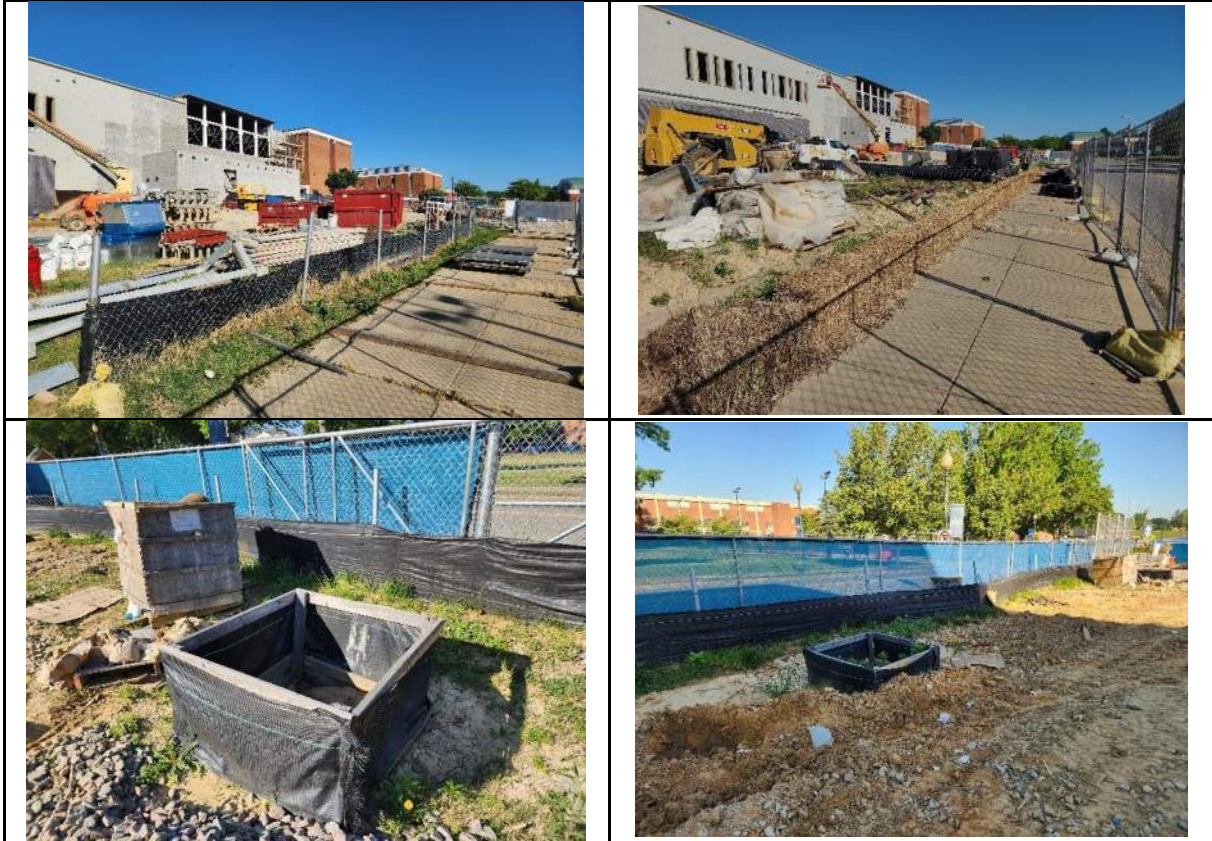
SITE INSPECTION PHOTOS



Notes



SITE INSPECTION PHOTOS



Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Stephen Metz
 Inspection Date: 05-08-2024 Time: 11:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
05-05-2024	1.52"	SM
05-06-2024	0.55"	SM

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 05/14/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Stephen Metz 05/08/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 05-09-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Stephen Metz
 Inspection Date: 05-14-2024 Time: 11:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
05-10-2024	0.01"	SM
05-11-2024	0.06"	SM

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 05/20/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Stephen Metz 05/14/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 05-20-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS



Notes: Ensure to monitor CE's and refresh as needed to mitigate any tracking onto adjacent roadways.



SITE INSPECTION PHOTOS



Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 05-29-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
05-24-2024	0.41	MB
05-26-2024	0.21	MB
05-27-2024	0.62	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				Straw bales replaced along Carter G Woodson Avenue.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 06/04/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to **all violations** noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 05/31/24

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 06-03-2024
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



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Notes



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Notes



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Notes



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Notes



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Notes



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Notes



EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: MT Carter Building Expansion
 Project Code: 212-17871-000
 Project Authority: Debbie Sulla, VCO, VCCO
 RLD Name/No: Chris Harrison RLD-2805
 Inspector Name: Melvin Brooks
 Inspection Date: 01-04-2024 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
12/26/23	0.17	MB
12/27/23	1.39	MB
12/29/23	0.04	MB
12/30/23	0.04	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input checked="" type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
				Vegetative cover showing improvement. Application of additional cold weather seed recommended.

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 01/10/24
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 01/05/24

Acknowledgement of on-site report receipt: Debra ACSulla 1/18/2024
Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

SITE INSPECTION PHOTOS





EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: MT Carter Building Expansion
 Project Code: 212-17871-000
 Project Authority: Debbie Sulla, VCO, VCCO
 RLD Name/No: Chris Harrison RLD-2805
 Inspector Name: Steve Vargo
 Inspection Date: 07-07-2023 Time: 2:30 P.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
07-06-2023	0.69"	SV

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

Pre-Construction Conference Building Construction Construction of SWM Facilities
 Clearing & Grubbing Finish Grading Maintenance of SWM Facilities
 Rough Grading Final Stabilization Other: _____

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
				All perimeter controls have been removed. Silt fence trenches are filled, and temp. stabilized. Grass establishing.
				Continue monitoring for full stabilization.

- Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
- Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 07/14/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Steve Vargo 07/10/23

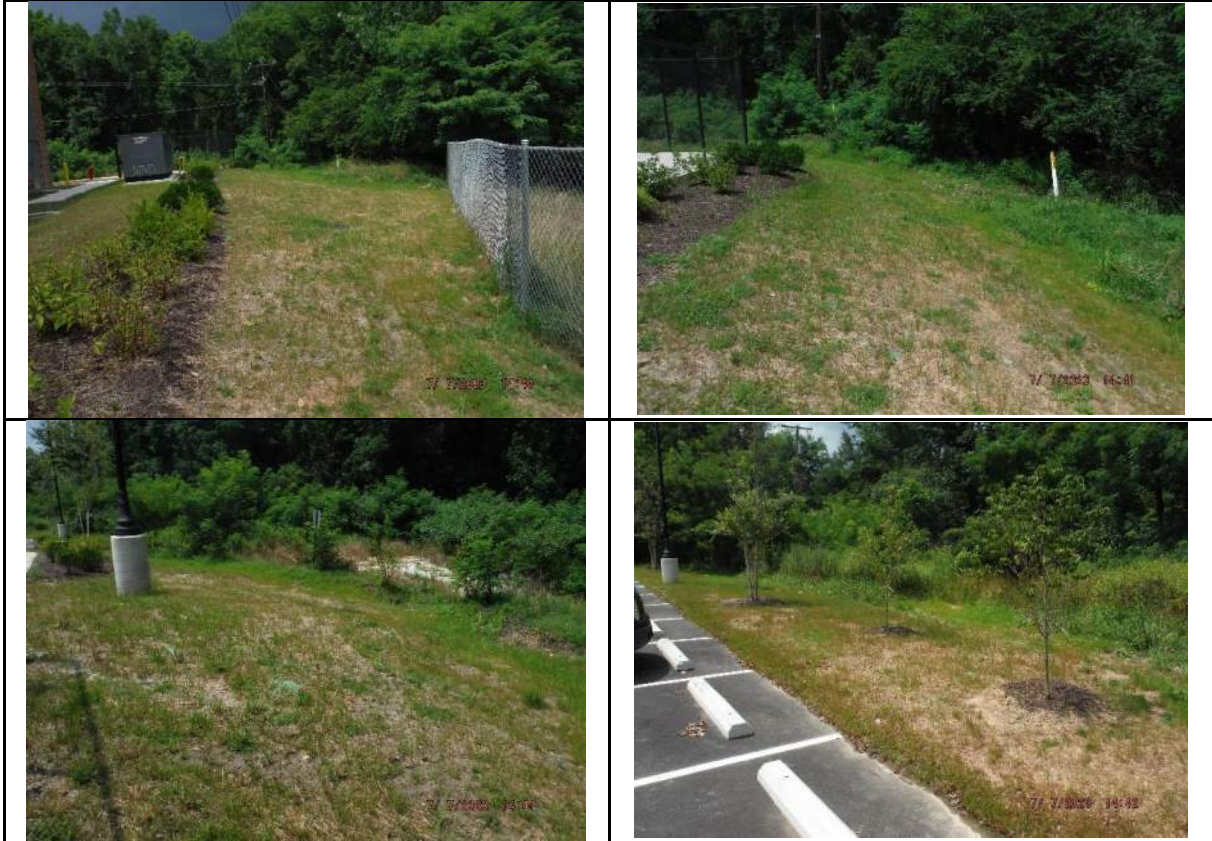
Acknowledgement of on-site report receipt: Debra AC Sulla Debra AC Sulla 7/17/23
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
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Fax: (804)524-5383

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EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: MT Carter Building Expansion
 Project Code: 212-17871-000
 Project Authority: Debbie Sulla, VCO, VCCO
 RLD Name/No: Chris Harrison RLD-2805
 Inspector Name: Steve Vargo
 Inspection Date: 07-13-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
07-07-2023	0.53"	SV

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

Pre-Construction Conference Building Construction Construction of SWM Facilities
 Clearing & Grubbing Finish Grading Maintenance of SWM Facilities
 Rough Grading Final Stabilization Other: _____

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
				All perimeter controls have been removed. Silt fence trenches are filled, and temp. stabilized. Grass establishing.
				Continue monitoring for full stabilization.

- Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
- Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 07/20/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Steve Vargo 07/15/23

Acknowledgement of on-site report receipt: <u>Debra AC Sulla</u> <small>Print Name</small>	 <small>Signature</small>	<u>7/17/23</u> <small>Date</small>
This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:		



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Fax: (804)524-5383

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EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: MT Carter Building Expansion
 Project Code: 212-17871-000
 Project Authority: Debbie Sulla, VCO, VCCO
 RLD Name/No: Chris Harrison RLD-2805
 Inspector Name: Melvin Brooks
 Inspection Date: 08-10-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-10-2023	0.13"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input checked="" type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
				Grass establishing, continue monitoring for full stabilization.

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/16/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/10/23

Acknowledgement of on-site report receipt: _____ <small>Print Name</small>	<u>Debra AC Sulla</u> <small>Signature</small>	<u>8/16/23</u> <small>Date</small>
This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:		



Capital Outlay & Facilities
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Virginia State University, VA 23806
Phone: (804)524-3971
Fax: (804)524-5383

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EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: Academic Commons Building
 Project Code: 212-18333-000
 Project Authority: Jonathan Taylor
 RLD Name/No: Dwight Snead RLD-22528
 Inspector Name: Melvin Brooks
 Inspection Date: 08-16-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-14-2023	0.01"	MB
08-15-2023	0.01"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input checked="" type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
1				No items for correction at this time.
2				
3				
4				

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 08/22/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/16/23

Acknowledgement of on-site report receipt: Eddie Hutcherson Eddie Hutcherson 08-21-2023
 Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



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PO Box 9044
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Fax: (804)524-5383

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EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: MT Carter Building Expansion
 Project Code: 212-17871-000
 Project Authority: Debbie Sulla, VCO, VCCO
 RLD Name/No: Chris Harrison RLD-2805
 Inspector Name: Melvin Brooks
 Inspection Date: 08-28-2023 Time: 8:30 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
08-25-2023	0.04"	MB
08-27-2023	0.07"	MB
08-28-2023	0.29"	MB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input checked="" type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
				Grass establishing, continue monitoring for full stabilization.

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 09/01/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to all violations noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Melvin Brooks 08/28/23

Acknowledgement of on-site report receipt: _____
Print Name Signature Date

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



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SITE INSPECTION PHOTOS





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EROSION & SEDIMENT CONTROL AND STORMWATER MANAGEMENT INSPECTION REPORT

Project Name: MT Carter Building Expansion
 Project Code: 212-17871-000
 Project Authority: Debbie Sulla, VCO, VCCO
 RLD Name/No: Chris Harrison RLD-2805
 Inspector Name: Travis Biskup
 Inspection Date: 09-20-2023 Time: 9:00 A.M.

RAINFALL

Date of Rain	Amount (inches)	Initials
09-15-2023	0.00"	TB
09-16-2023	0.00"	TB
09-17-2023	0.27"	TB
09-18-2023	1.11"	TB
09-19-2023	0.00"	TB

Previous violation(s) been corrected: YES NO

STAGE OF CONSTRUCTION

- | | | |
|--|---|---|
| Pre-Construction Conference <input type="checkbox"/> | Building Construction <input type="checkbox"/> | Construction of SWM Facilities <input type="checkbox"/> |
| Clearing & Grubbing <input type="checkbox"/> | Finish Grading <input type="checkbox"/> | Maintenance of SWM Facilities <input type="checkbox"/> |
| Rough Grading <input type="checkbox"/> | Final Stabilization <input checked="" type="checkbox"/> | Other: _____ <input type="checkbox"/> |

Item#	State/Local Regulation(1)	Violation		Description and Location of Problem/Violation(2), Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	
				Grass establishing, continue monitoring for full stabilization.

1. Refers to applicable regulation found in the most recent publication of the Virginia Erosion and Sediment Control Regulations (9VAC25-840), Virginia Stormwater Management Permit Regulations (9VAC25-870), or Annual Standards and Specifications for ESC.
2. Note whether or not off-site damage resulting from the problem/violation was evident during the inspection.

REQUIRED CORRECTIVE ACTION DEADLINE DATE: N/A Re-inspection Date: 09/26/23
 (MM/DD/YY) (MM/DD/YY)

The required corrective action deadline date applies to **all violations** noted on this report. If listed violation(s) currently constitute non-compliance and/or required corrective actions are not completed by the deadline, a **NOTICE TO COMPLY, STOP WORK ORDER**, and/or other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector: Travis Biskup 09/20/23

Debra AC Sulla	<i>Debra AC Sulla</i>	9/27/23
Acknowledgement of on-site report receipt:	Signature	Date
Print Name		

This report will be provided to the following parties via mail, fax, or e-mail within 24 hours of inspection:



SITE INSPECTION PHOTOS





SITE INSPECTION PHOTOS





Capital Outlay & Facilities
PO Box 9044
Virginia State University, VA 23806
Phone: (804)524-3971
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Fax: (804)524-5383

SITE INSPECTION PHOTOS





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SITE INSPECTION PHOTOS



**MCM 5 POST CONSTRUCTION STORMWATER MANAGEMENT
MAINTENANCE DOCUMENTATION**



BMP ID #: 1	Date/Time: 6/20/2024
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Notes: We recently completed routine maintenance for BMP #1, during the time of inspection we observed this filterra unit to be functioning as designed. We recommend performing routine inspections & maintenance on this unit to help ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector	Date
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If maintenance is required, provide a time frame for maintenance completion: _____

Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

<i>Reid B. Wald</i>	6/26/2024
Signature of Inspector	Date

Next inspection date: _____



BMP ID #:3

Date/Time:6/20/2024

Notes:

We recently completed routine maintenance for BMP #3, during the time of inspection we observed this filterra unit to be functioning as designed. We recommend performing routine inspections & maintenance on this unit to help ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector Date

If maintenance is required, provide a time frame for maintenance completion: _____

Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

 Paul B. Vukobratovic 6/26/2024
Signature of Inspector Date

Next inspection date: _____



Filterra BMPs

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type: Roof	Size: 4x6
BMP ID #: 4		Date/Time: 6/20/2024	
Component	(Y/N)	Comments	
Initial Observations			
Standing Water?	No		
Damage to Box Structure?	No		
Damage to Grate?	No		
Is Bypass Clear?	No		
Waste			
Silt/Clay?	None		
Cups/Bags/Trash?	None		
Leaves?	No		
Other?			
Erosion Control			
Netting in Need of Replacement?	No		
Stones in Need of Replacement?	No		
Mulch			
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments
Measured (in.):		23"	
Allowed range (in.):	16" - 18"	23" - 25"	
Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.			
Amount of Mulch to be Added or Replaced:			
Type of Mulch to be Added or Replaced:			
Date Mulch Added or Replaced:	5/16/2024		
Plantings			
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.			
Plant Information	#1	#2	
Height Above Grate (ft.):	13'		Health of plant(s) Alive / Dead Alive / Dead
Stem Diameter/Caliper (in.):	3.5"		Damage to plant(s)? Alive Alive
Width at Widest Point (ft.):	14'		Plant(s) replaced? N/A N/A



BMP ID #: 4	Date/Time: 6/20/2024
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Notes: We recently completed routine maintenance for BMP #4, during the time of inspection we observed this filterra unit to be functioning as designed. We recommend performing routine inspections & maintenance on this unit to help ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

_____	_____
Signature of Inspector	Date

If maintenance is required, provide a time frame for maintenance completion: _____

Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

_____	6/26/2024 _____
Signature of Inspector	Date

Next inspection date: _____



BMP ID #:5	Date/Time:6/20/2024
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Notes: We recently completed routine maintenance for BMP #5, during the time of inspection we observed this filterra unit to be functioning as designed. We recommend performing routine inspections & maintenance on this unit to help ensure the overall longevity and functionality of the system.

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."

 Signature of Inspector Date

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 _____ 6/26/2024
 Signature of Inspector Date

Next inspection date: _____



Filterra BMPs
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh			Type: Roof	Size: 4x6
BMP ID #: 6			Date/Time: 6/20/2024	
Component	(Y/N)	Comments		
Initial Observations				
Standing Water?	No			
Damage to Box Structure?	No			
Damage to Grate?	No			
Is Bypass Clear?	No			
Waste				
Silt/Clay?	None			
Cups/Bags/Trash?	None			
Leaves?	No			
Other?				
Erosion Control				
Netting in Need of Replacement?	No			
Stones in Need of Replacement?	No			
Mulch				
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments	
Measured (in.):		23"		
Allowed range (in.):	16" - 18"	23" - 25"		
Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.				
Amount of Mulch to be Added or Replaced:				
Type of Mulch to be Added or Replaced:				
Date Mulch Added or Replaced:	5/16/2024			
Plantings				
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.				
Plant Information	#1	#2	#1	#2
Height Above Grate (ft.):	11'		Health of plant(s) Alive / Dead	Alive / Dead
Stem Diameter/Caliper (in.):	3.5"		Damage to plant(s)? Alive <input type="checkbox"/> Alive <input type="checkbox"/>	
Width at Widest Point (ft.):	10'		Plant(s) replaced? N/A	N/A



Filtrerra BMPs
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type: Inlet	Size: 6x8
BMP ID #: 7		Date/Time: 6/20/2024	
Component	(Y/N)	Comments	
Initial Observations			
Standing Water?	No		
Damage to Box Structure?	No		
Damage to Grate?	No		
Is Bypass Clear?	No		
Waste			
Silt/Clay?	None		
Cups/Bags/Trash?	None		
Leaves?	No		
Other?			
Erosion Control			
Netting in Need of Replacement?	No		
Stones in Need of Replacement?	No		
Mulch			
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments
Measured (in.):	16"		
Allowed range (in.):	16" - 18"	23" - 25"	
Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.			
Amount of Mulch to be Added or Replaced:			
Type of Mulch to be Added or Replaced:			
Date Mulch Added or Replaced:	5/17/2024		
Plantings			
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.			
Plant Information	#1	#2	#1 #2
Height Above Grate (ft.):	9'		Health of plant(s) Alive / Dead Alive / Dead
Stem Diameter/Caliper (in.):	3"		Damage to plant(s)? Alive <input type="checkbox"/> N/A <input type="checkbox"/>
Width at Widest Point (ft.):	9.5'		Plant(s) replaced? Alive N/A



Filterra BMPs

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type: Inlet	Size: 6x8
BMP ID #: 8		Date/Time: 6/20/2024	
Component	(Y/N)	Comments	
Initial Observations			
Standing Water?	No		
Damage to Box Structure?	No		
Damage to Grate?	No		
Is Bypass Clear?	No		
Waste			
Silt/Clay?	None		
Cups/Bags/Trash?	None		
Leaves?	No		
Other?			
Erosion Control			
Netting in Need of Replacement?	No		
Stones in Need of Replacement?	No		
Mulch			
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments
Measured (in.):	16"		
Allowed range (in.):	16" - 18"	23" - 25"	
Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.			
Amount of Mulch to be Added or Replaced:			
Type of Mulch to be Added or Replaced:			
Date Mulch Added or Replaced:	5/17/2024		
Plantings			
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.			
Plant Information	#1	#2	
Height Above Grate (ft.):	6'		Health of plant(s) Alive / Dead Alive / Dead
Stem Diameter/Caliper (in.):	1"		Damage to plant(s)? Alive <input type="checkbox"/> N/A
Width at Widest Point (ft.):	4'		Plant(s) replaced? Alive N/A



BMP ID #:8	Date/Time:6/20/2024
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Notes: We recently completed routine maintenance for BMP #8 and also replaced the tree inside this unit. During the time of inspection we observed this filterra unit to be functioning as designed. We recommend performing routine inspections & maintenance on this unit to help ensure the overall longevity and functionality of the system.

Certification:
If no maintenance is required, certify the following:
"I certify that the inspection is complete and that no action is necessary at this time."

_____	_____
Signature of Inspector	Date

If maintenance is required, provide a time frame for maintenance completion: _____
Upon maintenance completion, re-inspect and certify the following:
"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

 _____	6/26/2024
Signature of Inspector	Date

Next inspection date: _____



Filterra BMPs

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type: Inlet		Size: 7x13	
BMP ID #: 10		Date/Time: 6/20/2024			
Component	(Y/N)	Comments			
Initial Observations					
Standing Water?	No				
Damage to Box Structure?	No				
Damage to Grate?	No				
Is Bypass Clear?	No				
Waste					
Silt/Clay?	None				
Cups/Bags/Trash?	None				
Leaves?	No				
Other?					
Erosion Control					
Netting in Need of Replacement?	No				
Stones in Need of Replacement?	No				
Mulch					
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments		
Measured (in.):	16"				
Allowed range (in.):	16" - 18"	23" - 25"			
Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.					
Amount of Mulch to be Added or Replaced:					
Type of Mulch to be Added or Replaced:					
Date Mulch Added or Replaced:	5/17/2024				
Plantings					
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.					
Plant Information	#1	#2		#1	#2
Height Above Grate (ft.):	6'		Health of plant(s)	Alive / Dead	Alive / Dead
Stem Diameter/Caliper (in.):	1"		Damage to plant(s)?	Alive <input type="checkbox"/>	Alive <input type="checkbox"/>
Width at Widest Point (ft.):	4'		Plant(s) replaced?	Alive	Alive



BMP ID #: 11	Date/Time: 6/20/2024
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Notes: We recently completed routine maintenance for BMP #11, both trees were replaced during this visit. During the time of inspection we observed this filterra unit to be functioning as designed. We recommend performing routine inspections & maintenance on this unit to help ensure the overall longevity and functionality of the system.

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."

 Signature of Inspector Date

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."

 Signature of Inspector Date

Next inspection date: _____



**Underground Detention Systems
 (Water Quantity)**

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type of BMP: CMP UGD	
BMP ID #: 15		Date/Time: 6/20/2024	
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?	Yes	No	2-3" on average
B. Trash/debris present?	No	No	
C. Separation of joints, cracks, breaks, or deterioration of structure?	No	No	
D. Algal growth present?	No	No	
E. Evidence of seepage, leakage, or rust?	No	No	
F. Evidence of pollutants?	No	No	
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?	Yes	No	
B. Clogging of inflow pipes?	No	No	No evidence of clogging
C. Clogging of outflow pipes?	No	No	No evidence of clogging



BMP ID #: 15			Date/Time: 6/26/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?	No	No	
E. Adequate riprap (If applicable)?	No	No	
F. Undercutting at the outlet?	No	No	
G. Outlet channel scour?	No	No	

Notes:
 We completed a visual inspection for BMP 15 on 6/20/2024. During the time of inspection we observed this facility to be functioning in good condition. Low to moderate levels of sediment throughout certain areas of the underground pipe system (2-3"). We project maintenance to be needed within the next 1-2 years.

Certification:
 If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."
 Signature of Inspector _____ Date _____

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 Signature of Inspector Paul B. Vade Date 6/26/2024

Next inspection date: _____



BMP ID #:	Date/Time:
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Notes:

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."



Signature of InspectorDate

If maintenance is required, provide a time frame for maintenance completion: _____
Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of InspectorDate

Next inspection date: _____



Filterra BMPs

Inspection & Maintenance Checklist

Inspector Name:		Type:		Size:	
BMP ID #:		Date/Time:			
Component	(Y/N)	Comments			
Initial Observations					
Standing Water?					
Damage to Box Structure?					
Damage to Grate?					
Is Bypass Clear?					
Waste					
Silt/Clay?					
Cups/Bags/Trash?					
Leaves?					
Other?					
Erosion Control					
Netting in Need of Replacement?					
Stones in Need of Replacement?					
Mulch					
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments		
Measured (in.):					
Allowed range (in.):	16" - 18"	23" - 25"			
<p>Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.</p>					
Amount of Mulch to be Added or Replaced:					
Type of Mulch to be Added or Replaced:					
Date Mulch Added or Replaced:					
Plantings					
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.					
Plant Information	#1	#2		#1	#2
Height Above Grate (ft.):			Health of plant(s)	Alive / Dead	Alive / Dead
Stem Diameter/Caliper (in.):			Damage to plant(s)?		
Width at Widest Point (ft.):			Plant(s) replaced?		



Filtterra BMPs
Inspection & Maintenance Checklist

Inspector Name:		Type:		Size:	
BMP ID #:		Date/Time:			
Component	(Y/N)	Comments			
Initial Observations					
Standing Water?					
Damage to Box Structure?					
Damage to Grate?					
Is Bypass Clear?					
Waste					
Silt/Clay?					
Cups/Bags/Trash?					
Leaves?					
Other?					
Erosion Control					
Netting in Need of Replacement?					
Stones in Need of Replacement?					
Mulch					
Depth from Top of Slab to Surface of Mulch	Inlet Filtterra	Roof Filtterra	Comments		
Measured (in.):					
Allowed range (in.):	16" - 18"	23" - 25"			
<p>Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.</p>					
Amount of Mulch to be Added or Replaced:					
Type of Mulch to be Added or Replaced:					
Date Mulch Added or Replaced:					
Plantings					
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.					
Plant Information	#1	#2		#1	#2
Height Above Grate (ft.):			Health of plant(s)	Alive / Dead	Alive / Dead
Stem Diameter/Caliper (in.):			Damage to plant(s)?		
Width at Widest Point (ft.):			Plant(s) replaced?		




BMP ID #:	Date/Time:
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Notes:

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."



Signature of Inspector

Date

If maintenance is required, provide a time frame for maintenance completion: _____
Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector

Date

Next inspection date: _____



StormFilter BMP
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Stormfilter		
BMP ID #: 22				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
I. Below Ground Vault						
Sediment accumulation top of cartridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 0.25 inches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Sediment accumulation in vault	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 4 inches in the first chamber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2" of sedimentation
Submerged cartridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	More than 4" of static water in the cartridge bay 24 hours after last rainfall event	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standing water observed
Trash/debris accumulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trash and debris accumulated on compost filter bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment in drain pipes or cleanouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drain pipes and/or clean outs are full of sediment and/or debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Damaged pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any part of any pipe crushed or damaged due to corrosion and/or settlement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access cover damaged/not working	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cover cannot be opened; one person cannot open the cover using normal lifting pressure; corrosion/deformation of cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vault structure includes cracks in wall or bottom; damage to the frame and/or top slab	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks wider than ½ inch or evidence of soil particles entering the structure through cracks; determination that the vault is not structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baffles corroding, cracking, warping, and/or showing signs of failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access ladder damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ladder is corroded or deteriorated, not functioning properly, not securely secured to the structure wall and/or missing rungs; cracks; misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



BMP ID #: 22				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
II. Below Ground Cartridge Type						
Filter Media	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drawdown of water through the media takes longer than one hour and/or overflow occurs frequently	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Short Circuiting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Flows do not properly enter filter cartridges	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Notes:
 We conducted an inspection for BMP #22 on 6/20/2024. During the time of inspection we observed this unit to be functioning in good condition. However, there was some standing water in the system during the time of inspection. It does not appear to be affecting the functionality of the system at this time. Cartridges should have 1-2 years of effective life left before they may need to be replaced.

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector **Date**

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector **Date**

Next inspection date: _____



StormFilter BMP
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Stormfilter		
BMP ID #: 23				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
I. Below Ground Vault						
Sediment accumulation top of cartridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 0.25 inches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Sediment accumulation in vault	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 4 inches in the first chamber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<1" of sedimentation
Submerged cartridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	More than 4" of static water in the cartridge bay 24 hours after last rainfall event	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standing water observed
Trash/debris accumulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trash and debris accumulated on compost filter bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	One plastic bag
Sediment in drain pipes or cleanouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drain pipes and/or clean outs are full of sediment and/or debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Damaged pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any part of any pipe crushed or damaged due to corrosion and/or settlement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access cover damaged/not working	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cover cannot be opened; one person cannot open the cover using normal lifting pressure; corrosion/deformation of cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vault structure includes cracks in wall or bottom; damage to the frame and/or top slab	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks wider than ½ inch or evidence of soil particles entering the structure through cracks; determination that the vault is not structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baffles corroding, cracking, warping, and/or showing signs of failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access ladder damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ladder is corroded or deteriorated, not functioning properly, not securely secured to the structure wall and/or missing rungs; cracks; misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 24			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (If applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

Notes:

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."
 Signature of Inspector: *Sandy Long* Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 Signature of Inspector: _____ Date: _____

Next inspection date: _____



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 25			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (If applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

Notes:

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."
 Signature of Inspector: *Sandy Long* Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 Signature of Inspector: _____ Date: _____

Next inspection date: _____



**Underground Detention Systems
 (Water Quantity)
 Inspection & Maintenance Checklist**

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 26			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

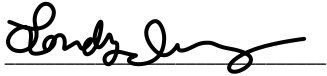
Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector: 
 Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector: _____
 Date: _____

Next inspection date: _____



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 27			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:
 If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."
 Signature of Inspector: *Landy Long* Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 Signature of Inspector: _____ Date: _____

Next inspection date: _____



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 28			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

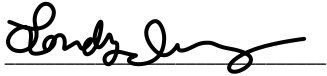
Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector: 
 Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector: _____
 Date: _____

Next inspection date: _____



Detention, Retention, & Impoundment BMPs

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:	
BMP ID #:			Date/Time:	
Component	Yes	No	N/A	Comments
I. Embankment				
A. Top				
1. Visual settlement				
2. Misalignment				
3. Cracking				
B. Upstream Slope				
1. Erosion				
2. Adequate groundcover				
3. Trees, shrubs, or other vegetation				
4. Cracks, settlements, or bulges				
5. Rodent holes				
C. Downstream Slope				
1. Erosion				
2. Adequate groundcover				
3. Trees, shrubs, or other vegetation				
4. Cracks, settlements, or bulges				
5. Rodent holes				
E. Drainage/seepage control				
1. Internal drains flowing				
2. Seepage at toe				
II. Emergency Spillway				
1. Eroding or backcutting				
2. Obstruction				
3. Leaking				
4. Operational				



BMP ID #:			Date/Time:	
Component	Yes	No	N/A	Comments
III. Principal Spillway Barrel				
1. Seepage into pipe				
2. Debris present				
3. Displaced or offset joints				
IV. Outlet Protection/Stilling Basin				
1. Obstruction				
2. Adequate riprap				
3. Undercutting at the outlet				
4. Outlet channel scour				
V. Internal Basin Area				
A. Low Flow Channel*				
1. Erosion				
2. Adequate vegetation				
3. Obstruction				
B. Basin Bottom & Side Slopes				
1. Erosion				
2. Adequate stabilization				
3. Sediment accumulation				
4. Floating debris				
5. High water marks				
6. Shoreline protection				
C. Inflow Channels/Pipes				
1. Erosion				
2. Adequate stabilization				
3. Undercutting				
4. Obstruction				
D. Sediment Forebay				
1. Sediment accumulation				
2. Stable overflow into basin				
E. Upland Landscaping				
F. Aquatic Landscaping				
*Only applies to Extended Detention Facilities				



Detention, Retention, & Impoundment BMPs

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:	
BMP ID #:			Date/Time:	
Component	Yes	No	N/A	Comments
I. Embankment				
A. Top				
1. Visual settlement				
2. Misalignment				
3. Cracking				
B. Upstream Slope				
1. Erosion				
2. Adequate groundcover				
3. Trees, shrubs, or other vegetation				
4. Cracks, settlements, or bulges				
5. Rodent holes				
C. Downstream Slope				
1. Erosion				
2. Adequate groundcover				
3. Trees, shrubs, or other vegetation				
4. Cracks, settlements, or bulges				
5. Rodent holes				
E. Drainage/seepage control				
1. Internal drains flowing				
2. Seepage at toe				
II. Emergency Spillway				
1. Eroding or backcutting				
2. Obstruction				
3. Leaking				
4. Operational				



BMP ID #:			Date/Time:	
Component	Yes	No	N/A	Comments
III. Principal Spillway Barrel				
1. Seepage into pipe				
2. Debris present				
3. Displaced or offset joints				
IV. Outlet Protection/Stilling Basin				
1. Obstruction				
2. Adequate riprap				
3. Undercutting at the outlet				
4. Outlet channel scour				
V. Internal Basin Area				
A. Low Flow Channel*				
1. Erosion				
2. Adequate vegetation				
3. Obstruction				
B. Basin Bottom & Side Slopes				
1. Erosion				
2. Adequate stabilization				
3. Sediment accumulation				
4. Floating debris				
5. High water marks				
6. Shoreline protection				
C. Inflow Channels/Pipes				
1. Erosion				
2. Adequate stabilization				
3. Undercutting				
4. Obstruction				
D. Sediment Forebay				
1. Sediment accumulation				
2. Stable overflow into basin				
E. Upland Landscaping				
F. Aquatic Landscaping				
*Only applies to Extended Detention Facilities				



Intermittent Sand Filter

Inspection & Maintenance Checklist

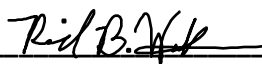
Capital Outlay and Facilities Management
 PO Box 9414
 Virginia State University, VA 23806
 Phone: (804)524-3971
 Fax: (804)524-5383

Inspector Name: Reid Walsh		Site Location: VSU		
Type of BMP: Deleware Sand Filter (BMP #31)				Date:
Component	Yes	No	N/A	Comments
Debris Cleanout				
Contributing areas of debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Filtration facility clean of debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Inlets and outlets clear of debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Vegetation in Contributing Drainage Area				
Stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Active evidence of erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Area mowed and clippings removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Oil and Grease				
Evidence of filter surface clogging	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Activities in drainage area to minimize oil and grease entry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Retention Where Required				
Water holding chambers at normal pool	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Evidence of leakage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sediment Deposition				
Filtration chambers clean of sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water chambers not more than half full of sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Structural Components				
Evidence of structural deterioration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



Intermittent Sand Filter

Inspection & Maintenance Checklist

Grates are in good condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Evidence of spalling or cracking of structural parts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Outlets/Overflow Spillway				
Obstruction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Adequate riprap	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Undercutting at the outlet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Outlet channel scour	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Overall Function of Facility				
Evidence of flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Noticeable odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Notes:				
BMP #31 was functioning as designed during the time of inspection, we just completed routine maintenance on this unit.				
Certification:				
If no maintenance is required, certify the following:				
"I certify that the inspection is complete and that no action is necessary at this time."				
Signature of Inspector			Date	
_____			_____	
If maintenance is required, provide a time frame for maintenance completion: _____				
Upon maintenance completion, re-inspect and certify the following:				
"I certify that all recommended maintenance is complete and no additional action is necessary at this time"				
Signature of Inspector			Date	
 _____			6/26/2024	
Next inspection date: _____				



Sorbitive Filter BMP

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Sorbitive Filter		
BMP ID #: 32				Date/Time: 6/20/2024		
Component:	Yes	No	Conditions When Maintenance is Needed	Maintenance required?		Comments:
				Yes	No	
The access manhole or access doors are functioning properly and are structurally sound	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment and oil are present (provide depths)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth was approx. 1"
Floatable pollutant accumulation is present in the Pre-treatment Bay	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
The Cartridge Bay is visually inspected for sediment depth (provide depth)*(If sediment depth is greater than 6 inches, maintenance is required	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maintenance is not required at this time, sediment depth is < 6"
Proper draindown is occurring in the Cartridge Bay *(If at least 40 hours of dry weather have elapsed, since the most recent runoff event and the Bay contains more than 3 inches of water above the sediment layer, the Sorbitive BRICKs required cleaning or replacement	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of standing water
The internal components show no signs of damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	No signs of damage to any internal components of the system



Sorbitive Filter BMP

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Sorbitive Filter		
BMP ID #: 33				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
The access manhole or access doors are functioning properly and are structurally sound	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment and oil are present (provide depths)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth was approx. 1"
Floatable pollutant accumulation is present in the Pre-treatment Bay	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
The Cartridge Bay is visually inspected for sediment depth (provide depth)*(If sediment depth is greater than 6 inches, maintenance is required	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maintenance is not required at this time, sediment depth is < 6"
Proper draindown is occurring in the Cartridge Bay *(If at least 40 hours of dry weather have elapsed, since the most recent runoff event and the Bay contains more than 3 inches of water above the sediment layer, the Sorbitive BRICKs required cleaning or replacement	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of standing water
The internal components show no signs of damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	No signs of damage to any internal components of the system



Sorbitive Filter BMP

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Sorbitive Filter		
BMP ID #: 34				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
The access manhole or access doors are functioning properly and are structurally sound	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment and oil are present (provide depths)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth was approx. 2"
Floatable pollutant accumulation is present in the Pre-treatment Bay	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
The Cartridge Bay is visually inspected for sediment depth (provide depth)*(If sediment depth is greater than 6 inches, maintenance is required	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maintenance is not required at this time, sediment depth is < 6"
Proper draindown is occurring in the Cartridge Bay *(If at least 40 hours of dry weather have elapsed, since the most recent runoff event and the Bay contains more than 3 inches of water above the sediment layer, the Sorbitive BRICKs required cleaning or replacement	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	No evidence of standing water
The internal components show no signs of damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	No signs of damage to any internal components of the system



StormFilter BMP
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Stormfilter		
BMP ID #: 35				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
I. Below Ground Vault						
Sediment accumulation top of cartridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 0.25 inches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Sediment accumulation in vault	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 4 inches in the first chamber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<1" of sedimentation
Submerged cartridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	More than 4" of static water in the cartridge bay 24 hours after last rainfall event	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No standing water
Trash/debris accumulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trash and debris accumulated on compost filter bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment in drain pipes or cleanouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drain pipes and/or clean outs are full of sediment and/or debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Damaged pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any part of any pipe crushed or damaged due to corrosion and/or settlement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access cover damaged/not working	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cover cannot be opened; one person cannot open the cover using normal lifting pressure; corrosion/deformation of cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vault structure includes cracks in wall or bottom; damage to the frame and/or top slab	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks wider than ½ inch or evidence of soil particles entering the structure through cracks; determination that the vault is not structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baffles corroding, cracking, warping, and/or showing signs of failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access ladder damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ladder is corroded or deteriorated, not functioning properly, not securely secured to the structure wall and/or missing rungs; cracks; misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 36			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

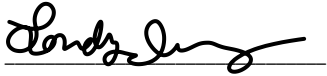
Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector: 
 Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector: _____
 Date: _____

Next inspection date: _____



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 37			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

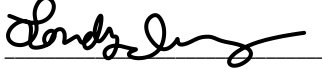
Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector: 
 Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector: _____
 Date: _____

Next inspection date: _____



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 37			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

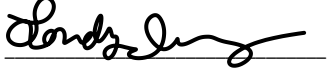
Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector **Date**
 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector **Date**
 _____ _____

Next inspection date: _____



Underground Detention Systems (Water Quantity)

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:
BMP ID #:			Date/Time:
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?			
B. Trash/debris present?			
C. Separation of joints, cracks, breaks, or deterioration of structure?			
D. Algal growth present?			
E. Evidence of seepage, leakage, or rust?			
F. Evidence of pollutants?			
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?			
B. Clogging of inflow pipes?			
C. Clogging of outflow pipes?			



BMP ID #: 39			Date/Time: 06/20/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?			
E. Adequate riprap (if applicable)?			
F. Undercutting at the outlet?			
G. Outlet channel scour?			

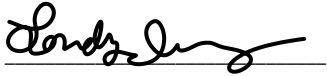
Notes:

At the time of inspection, the facility appeared to be operating as designed. We recommend performing routine inspections and maintenance on this facility to ensure the overall longevity and functionality of the system.

Certification:

If no maintenance is required, certify the following:

"I certify that the inspection is complete and that no action is necessary at this time."

Signature of Inspector: 
 Date: 06/20/2024

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:

"I certify that all recommended maintenance is complete and no additional action is necessary at this time."

Signature of Inspector: _____
 Date: _____

Next inspection date: _____



**Underground Detention Systems
 (Water Quantity)**

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type of BMP: Underground Detention	
BMP ID #: 40		Date/Time: 6/20/2024	
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?	Yes	No	1-2" on average
B. Trash/debris present?	Yes	Yes	Trash at the OCS
C. Separation of joints, cracks, breaks, or deterioration of structure?	No	No	
D. Algal growth present?	No	No	
E. Evidence of seepage, leakage, or rust?	No	No	
F. Evidence of pollutants?	No	No	
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?	No	No	
B. Clogging of inflow pipes?	No	No	
C. Clogging of outflow pipes?	Yes	Yes	Remove trash from OCS



BMP ID #: 40			Date/Time: 6/26/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?	Yes	Yes	Clear low flow orifice
E. Adequate riprap (If applicable)?	No	No	
F. Undercutting at the outlet?	No	No	
G. Outlet channel scour?	No	No	

Notes:
 We completed the inspection for BMP #40 on 6/20/2024. During the time of inspection, we observed this system to be functioning in degraded condition. We found excessive trash at the outlet control structure (OCS) and it appeared the low flow orifice has become blocked. We recommend removing all trash from this area and clearing the low flow orifice so this system is able to function as intended.

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."
 Signature of Inspector _____ Date _____
 _____ 12/31/2024
 If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 Signature of Inspector _____ Date _____

 Next inspection date: 12/31/2024



Filterra BMPs
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type: Inlet	Size: 6x10
BMP ID #: 42		Date/Time: 6/20/2024	
Component	(Y/N)	Comments	
Initial Observations			
Standing Water?	No		
Damage to Box Structure?	No		
Damage to Grate?	No		
Is Bypass Clear?	No		
Waste			
Silt/Clay?	None		
Cups/Bags/Trash?	None		
Leaves?	No		
Other?			
Erosion Control			
Netting in Need of Replacement?	No		
Stones in Need of Replacement?	No		
Mulch			
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments
Measured (in.):	16"		
Allowed range (in.):	16" - 18"	23" - 25"	
Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.			
Amount of Mulch to be Added or Replaced:			
Type of Mulch to be Added or Replaced:			
Date Mulch Added or Replaced:	5/17/2024		
Plantings			
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.			
Plant Information	#1	#2	#1 #2
Height Above Grate (ft.):	7'		Health of plant(s) Alive / Dead Alive / Dead
Stem Diameter/Caliper (in.):	4.5"		Damage to plant(s)? Alive <input type="checkbox"/> N/A
Width at Widest Point (ft.):	7'		Plant(s) replaced? Alive N/A



Filterra BMPs

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type: Inlet		Size: 6x10	
BMP ID #: 44		Date/Time: 6/20/2024			
Component	(Y/N)	Comments			
Initial Observations					
Standing Water?	No				
Damage to Box Structure?	No				
Damage to Grate?	No				
Is Bypass Clear?	No				
Waste					
Silt/Clay?	None				
Cups/Bags/Trash?	None				
Leaves?	No				
Other?					
Erosion Control					
Netting in Need of Replacement?	No				
Stones in Need of Replacement?	No				
Mulch					
Depth from Top of Slab to Surface of Mulch	Inlet Filterra	Roof Filterra	Comments		
Measured (in.):	16"				
Allowed range (in.):	16" - 18"	23" - 25"			
<p>Notes: If measured depth exceeds the allowed range, add mulch until the allowed range is achieved. If there is evidence of ponding water, remove and replace all mulch. Remove any accumulated silt that may also be clogging the filter media. Do not overfill unit with mulch; for inlet units, mulch should not exceed bottom of inlet throat, and for roof units, mulch should not impede bypass piping or splash blocks.</p>					
Amount of Mulch to be Added or Replaced:					
Type of Mulch to be Added or Replaced:					
Date Mulch Added or Replaced:	5/17/2024				
Plantings					
Note: Column #1 is the plant to the left when facing the throat of the inlet and column #2 is the plant to the right when facing the throat of the inlet.					
Plant Information	#1	#2		#1	#2
Height Above Grate (ft.):	6'		Health of plant(s)	Alive / Dead	Alive / Dead
Stem Diameter/Caliper (in.):	1"		Damage to plant(s)?	Alive <input type="checkbox"/> N/A	
Width at Widest Point (ft.):	4'		Plant(s) replaced?	Alive	N/A



Detention, Retention, & Impoundment BMPs

Inspection & Maintenance Checklist

Inspector Name:			Type of BMP:	
BMP ID #:			Date/Time:	
Component	Yes	No	N/A	Comments
I. Embankment				
A. Top				
1. Visual settlement				
2. Misalignment				
3. Cracking				
B. Upstream Slope				
1. Erosion				
2. Adequate groundcover				
3. Trees, shrubs, or other vegetation				
4. Cracks, settlements, or bulges				
5. Rodent holes				
C. Downstream Slope				
1. Erosion				
2. Adequate groundcover				
3. Trees, shrubs, or other vegetation				
4. Cracks, settlements, or bulges				
5. Rodent holes				
E. Drainage/seepage control				
1. Internal drains flowing				
2. Seepage at toe				
II. Emergency Spillway				
1. Eroding or backcutting				
2. Obstruction				
3. Leaking				
4. Operational				



BMP ID #:			Date/Time:	
Component	Yes	No	N/A	Comments
III. Principal Spillway Barrel				
1. Seepage into pipe				
2. Debris present				
3. Displaced or offset joints				
IV. Outlet Protection/Stilling Basin				
1. Obstruction				
2. Adequate riprap				
3. Undercutting at the outlet				
4. Outlet channel scour				
V. Internal Basin Area				
A. Low Flow Channel*				
1. Erosion				
2. Adequate vegetation				
3. Obstruction				
B. Basin Bottom & Side Slopes				
1. Erosion				
2. Adequate stabilization				
3. Sediment accumulation				
4. Floating debris				
5. High water marks				
6. Shoreline protection				
C. Inflow Channels/Pipes				
1. Erosion				
2. Adequate stabilization				
3. Undercutting				
4. Obstruction				
D. Sediment Forebay				
1. Sediment accumulation				
2. Stable overflow into basin				
E. Upland Landscaping				
F. Aquatic Landscaping				
*Only applies to Extended Detention Facilities				



StormFilter BMP
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Stormfilter		
BMP ID #: 47				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
I. Below Ground Vault						
Sediment accumulation top of cartridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 0.25 inches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Sediment accumulation in vault	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 4 inches in the first chamber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No measurable sediment
Submerged cartridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	More than 4" of static water in the cartridge bay 24 hours after last rainfall event	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No standing water
Trash/debris accumulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trash and debris accumulated on compost filter bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment in drain pipes or cleanouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drain pipes and/or clean outs are full of sediment and/or debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Damaged pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any part of any pipe crushed or damaged due to corrosion and/or settlement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access cover damaged/not working	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cover cannot be opened; one person cannot open the cover using normal lifting pressure; corrosion/deformation of cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vault structure includes cracks in wall or bottom; damage to the frame and/or top slab	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks wider than ½ inch or evidence of soil particles entering the structure through cracks; determination that the vault is not structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baffles corroding, cracking, warping, and/or showing signs of failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access ladder damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ladder is corroded or deteriorated, not functioning properly, not securely secured to the structure wall and/or missing rungs; cracks; misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



StormFilter BMP

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Stormfilter		
BMP ID #: 48				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
I. Below Ground Vault						
Sediment accumulation top of cartridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 0.25 inches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Sediment accumulation in vault	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 4 inches in the first chamber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No measurable sediment
Submerged cartridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	More than 4" of static water in the cartridge bay 24 hours after last rainfall event	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No standing water
Trash/debris accumulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trash and debris accumulated on compost filter bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment in drain pipes or cleanouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drain pipes and/or clean outs are full of sediment and/or debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Damaged pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any part of any pipe crushed or damaged due to corrosion and/or settlement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access cover damaged/not working	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cover cannot be opened; one person cannot open the cover using normal lifting pressure; corrosion/deformation of cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vault structure includes cracks in wall or bottom; damage to the frame and/or top slab	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks wider than ½ inch or evidence of soil particles entering the structure through cracks; determination that the vault is not structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baffles corroding, cracking, warping, and/or showing signs of failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access ladder damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ladder is corroded or deteriorated, not functioning properly, not securely secured to the structure wall and/or missing rungs; cracks; misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



StormFilter BMP
Inspection & Maintenance Checklist

Inspector Name: Reid Walsh				Type of BMP: Stormfilter		
BMP ID #: 49				Date/Time: 6/20/2024		
				Maintenance required?		
Component:	Yes	No	Conditions When Maintenance is Needed	Yes	No	Comments:
I. Below Ground Vault						
Sediment accumulation top of cartridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 0.25 inches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Sediment accumulation in vault	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sediment depth exceeds 4 inches in the first chamber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No measurable sediment
Submerged cartridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	More than 4" of static water in the cartridge bay 24 hours after last rainfall event	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No standing water
Trash/debris accumulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trash and debris accumulated on compost filter bed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sediment in drain pipes or cleanouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drain pipes and/or clean outs are full of sediment and/or debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Damaged pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Any part of any pipe crushed or damaged due to corrosion and/or settlement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access cover damaged/not working	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cover cannot be opened; one person cannot open the cover using normal lifting pressure; corrosion/deformation of cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vault structure includes cracks in wall or bottom; damage to the frame and/or top slab	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cracks wider than ½ inch or evidence of soil particles entering the structure through cracks; determination that the vault is not structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
			Cracks wider than ½ inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Baffles corroding, cracking, warping, and/or showing signs of failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Access ladder damaged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ladder is corroded or deteriorated, not functioning properly, not securely secured to the structure wall and/or missing rungs; cracks; misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



**Underground Detention Systems
 (Water Quantity)**

Inspection & Maintenance Checklist

Inspector Name: Reid Walsh		Type of BMP: Underground Detention	
BMP ID #: 50		Date/Time: 6/20/2024	
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
I. Internal Storage Area			
A. Sediment present?	Yes	No	<1" sediment observed
B. Trash/debris present?	No	No	
C. Separation of joints, cracks, breaks, or deterioration of structure?	No	No	
D. Algal growth present?	No	No	
E. Evidence of seepage, leakage, or rust?	No	No	
F. Evidence of pollutants?	No	No	
Inlet & Outlet Piping			
A. Inspection manhole functioning properly?	No	No	
B. Clogging of inflow pipes?	No	No	
C. Clogging of outflow pipes?	No	No	



BMP ID #: 50			Date/Time: 6/26/2024
Inspection Finding	Y/N	Maintenance Required Y/N	Comments
D. Obstruction?	No	No	
E. Adequate riprap (If applicable)?	No	No	
F. Undercutting at the outlet?	No	No	
G. Outlet channel scour?	No	No	

Notes:
 We completed the inspection for BMP #50 on 6/26/2024. During the time of inspection we observed this facility to be functioning as designed. We recorded sediment levels (<1"), no trash or debris noted. We recommend continuing to complete routine inspections & maintenance to help ensure the overall longevity and functionality of the system.

Certification:
 If no maintenance is required, certify the following:
 "I certify that the inspection is complete and that no action is necessary at this time."
 Signature of Inspector _____ Date _____

If maintenance is required, provide a time frame for maintenance completion: _____
 Upon maintenance completion, re-inspect and certify the following:
 "I certify that all recommended maintenance is complete and no additional action is necessary at this time."
 Signature of Inspector R.D.W. Date 6/26/2024

Next inspection date: _____



STORMWATER MANAGEMENT

P.O. Box 1301
Midlothian VA 23113
(804) 302-5151,
Info@exactstorm.com
06/28/2024

CUSTOMER	SERVICE LOCATION
Timmons Group Sheila Reeves 1001 Boulders Parkway, Suite 300 Richmond VA 23225 (804) 200-6544	VSU 2024 Inspections VSU 1 Hayden Dr Petersburg Virginia 23803-2520

JOB DETAILS	Scope of Work: Inspection of Roof Filterras: Units 1, 2, 3, 4, 5, 6, 16, 17, 18, 19, 20, 21 1. Complete inspections 2. Submit report with pictures using VSU inspection forms
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COMPLETION NOTES	Completed inspections of Roof Filterras. Took pictures and completed inspection report for each facility.
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PICTURES



BMP Map



BMP Map



BMP 1- overall



BMP 1- inside view



BMP 2- overall



BMP 2- inside view



BMP 3- overall



BMP 3- inside view



BMP 4- overall



BMP 4- inside view



BMP 5- overall



BMP 5- inside view



BMP 6- overall



BMP 6- Inside view



BMP 16- overall



BMP 16- Inside view



BMP 17- overall



BMP 17- inside view



BMP 18- overall



BMP 18- inside view



BMP 19- overall



BMP 19- inside view



BMP 20- overall



BMP 20- inside view



BMP 21- overall



BMP 21- inside view



STORMWATER MANAGEMENT

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Info@exactstorm.com
06/27/2024

CUSTOMER	SERVICE LOCATION
Timmons Group Sheila Reeves 1001 Boulders Parkway, Suite 300 Richmond VA 23225 (804) 200-6544	VSU 2024 Inspections VSU 1 Hayden Dr Petersburg Virginia 23803-2520

JOB DETAILS	Scope of Work: Inspection of Stormfilters: Units 22, 23, 35, 47, 48, 49 1. Complete inspections 2. Submit report with pictures using VSU inspection forms
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COMPLETION NOTES	Completed inspections of Stormfilters. Took pictures and completed inspection report for each facility.
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PICTURES



BMP Map



BMP Map



BMP 22- overall



BMP 22- inside view



BMP 23- Overall



BMP 23- inside view



BMP 35- overall



BMP 35- inside view



BMP 47- overall



BMP 47- inside view



BMP 47- Overall



BMP 47- Overall



BMP 47- inside view



BMP 47- Outlet access



BMP 47- Outlet chamber



BMP 48- Overall of cartridge bay



BMP 48-Inside view of cartridge bay



BMP 48- outlet chamber overall



BMP 48- Inside view of outlet chamber



BMP 49- overall view of cartridge bay



BMP 49- inside view of cartridge bay



BMP 49- overall view of outlet



BMP 49- inside view of outlet



STORMWATER MANAGEMENT

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06/27/2024

CUSTOMER	SERVICE LOCATION
Timmons Group Sheila Reeves 1001 Boulders Parkway, Suite 300 Richmond VA 23225 (804) 200-6544	VSU 2024 Inspections VSU 1 Hayden Dr Petersburg Virginia 23803-2520

JOB DETAILS	Scope of Work: Inspection of Sand Filter: Unit 31 Delaware Sand Filter 1. Complete inspections 2. Submit report with pictures using VSU inspection forms
--------------------	--

COMPLETION NOTES	Completed inspection of Sand Filter. Took pictures and completed inspection report.
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PICTURES



BMP Map



BMP Map



BMP 31- overall



BMP 31- Sediment chamber



BMP 31- Sand filter side



BMP 31- Outlet



STORMWATER MANAGEMENT

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06/27/2024

CUSTOMER	SERVICE LOCATION
Timmons Group Sheila Reeves 1001 Boulders Parkway, Suite 300 Richmond VA 23225 (804) 200-6544	VSU 2024 Inspections VSU 1 Hayden Dr Petersburg Virginia 23803-2520

JOB DETAILS	Scope of Work: Inspection of Sorbtive Filter: Units 32, 33, 34 1. Complete inspections 2. Submit report with pictures using VSU inspection forms
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COMPLETION NOTES	Completed inspections of Sorbtive Filters. Took pictures and completed inspection report for each facility.
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PICTURES



BMP Map



BMP Map



BMP 32- overall



BMP 32- inside view



BMP 33- overall



BMP 33- inside view



BMP 34- overall



BMP 34- inside view

STORMWATER MANAGEMENT FACILITY MAINTENANCE



STORMWATER MANAGEMENT

P.O. Box 1301
 Midlothian VA 23113
 (804) 302-5151,
 Info@exactstorm.com
 07/01/2024

CUSTOMER	SERVICE LOCATION
Virginia State University Jonathan Taylor PO Box 9414 Suite 25 Virginia State University VA 23806	VSU 2024 Maintenance VSU 1 Hayden Drive Petersburg VA 23806

JOB DETAILS	
	<p>Scope of Work: VSU 2024 Corrective Stormwater Maintenance Proposal</p> <p>Inlet Filterras (BMP 7-14, 41-44, 10 total).</p> <ol style="list-style-type: none"> 1. Remove all accumulated sediment, trash, and debris until the surface layer of biofilter media is reached. 2. Remove all accumulated sediment, trash, and debris from inlet/throat of filterra unit. 3. Once the inside of filterra unit has been cleaned up, install a 3" mulch layer. 4. Once inlet/throat is clean, install energy dissipater stones to prevent incoming water from scouring out the surface mulch layer. 5. Perform any necessary pruning to the tree or tree replacement as needed. <p>Roof Filterras (BMP 1-6 & 16-21, 12 total)</p> <ol style="list-style-type: none"> 1. Remove all accumulated sediment, trash, and debris until the surface layer of biofilter media is reached. 2. Install a new 3" mulch layer. 3. Perform any necessary pruning to the tree. <p>BMP 28 UGD</p> <ol style="list-style-type: none"> 1. Remove 12" of sediment from sediment chamber side and 3-4" of sediment on top of fabric of Sand Filter Chamber 1. 2. Remove 3-4" of sediment and reposition filter fabric on Sand Filter Chamber 2. <p>*** Removal/Disposal not to exceed 5 tons</p> <p>BMP 31</p> <ol style="list-style-type: none"> 1. Remove accumulated sediment, trash and debris from sediment chamber side of system. 2. Remove accumulated debris and trash from sand filter side of system. <p>*** Removal/Disposal not to exceed 5 tons</p> <p>BMP 47 Storm Filter</p> <ol style="list-style-type: none"> 1. Perform confined space entry per OSHA standards. 2. Remove any accumulated sediment, trash and debris found on the vault floor and around existing cartridges. 3. Remove (91 EA) existing cartridges. These will be shipped back to the manufacturer. 4. Install (91 EA) new media cartridges that were provided by the manufacturer. 5. Ensure all new cartridges are properly installed and ready for operation. <p>*** Removal/Disposal not to exceed 7 tons</p>

BMP 48 Storm Filter

1. Perform confined space entry per OSHA standards.
2. Remove any accumulated sediment, trash and debris found on the vault floor and around existing cartridges.
3. Remove (12 EA) existing cartridges. These will be shipped back to the manufacturer.
4. Install (12 EA) new media cartridges that were provided by the manufacturer.
5. Ensure all new cartridges are properly installed and ready for operation.

*** Removal/Disposal not to exceed 5 tons

BMP 49 Storm Filter

1. Perform confined space entry per OSHA standards.
2. Remove any accumulated sediment, trash and debris found on the vault floor and around existing cartridges.
3. Remove (21 EA) existing cartridges. These will be shipped back to the manufacturer.
4. Install (21 EA) new media cartridges that were provided by the manufacturer.
5. Ensure all new cartridges are properly installed and ready for operation.

*** Removal/Disposal not to exceed 5 tons

***All credit card transactions are subject to a 3.5% processing fee

COMPLETION NOTES

Completed corrective maintenance.

Inlet Filterras - removed sediment, trash and debris. Installed new mulch and energy dissipator stones.

Roof Filterras - removed sediment, trash and debris. Installed new mulch.

BMP 28 UGD - removed sediment

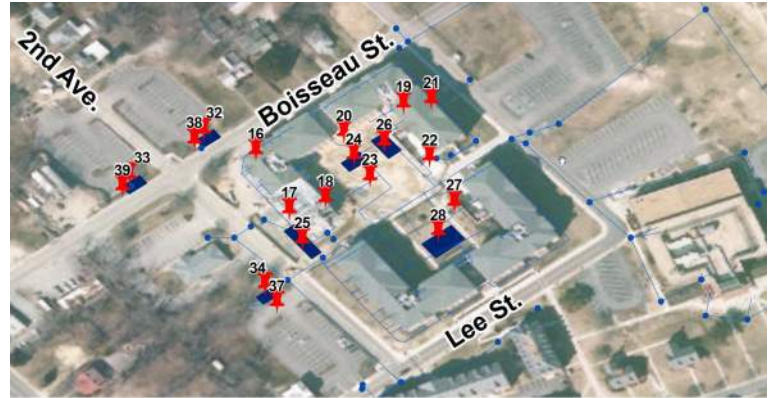
BMP 31 - removed sediment, trash and debris

BMP 47, 48 and 49 Storm Filters - removed sediment, trash and debris. Removed cartridges and installed new cartridges.

PICTURES



BMP Map



BMP Map



BMP 1- overall after maintenance



BMP 1- inside view after maintenance



BMP 2- overall after maintenance



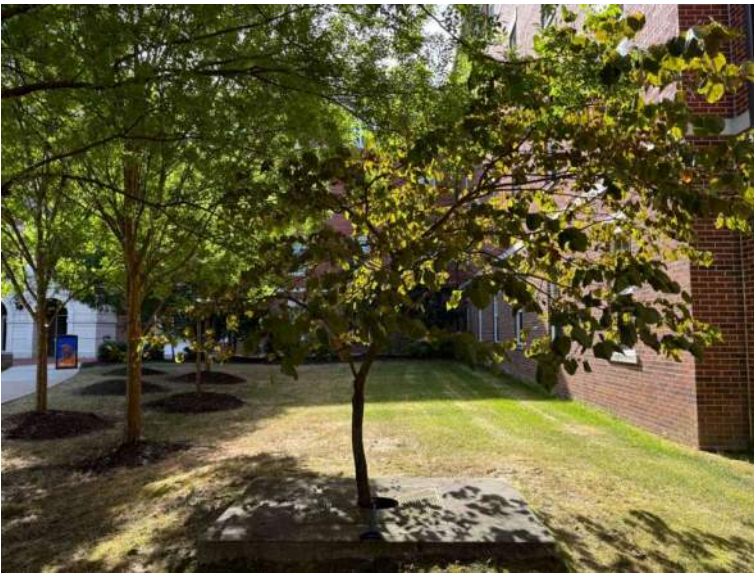
BMP 2- inside view after maintenance



BMP 3- overall after maintenance



BMP 3- inside view after maintenance



BMP 4- overall after maintenance



BMP 4- inside view after maintenance



BMP 5- overall after maintenance



BMP 5- inside view after maintenance



BMP 6- overall after maintenance



BMP 6- inside view after maintenance



BMP 7- overall after maintenance



BMP 7- inlet throat after maintenance



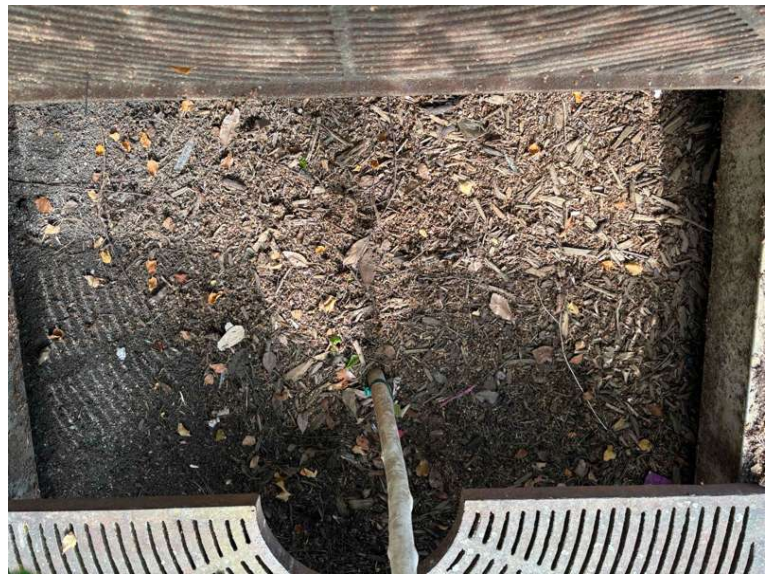
BMP 7- inside view after maintenance



BMP 8- overall after maintenance



BMP 8- inlet throat after maintenance



BMP 8- inside view after maintenance



BMP 9- overall after maintenance



BMP 9- inlet throat after maintenance



BMP 9- inside view after maintenance



BMP 10- overall after maintenance



BMP 10- inlet throat after maintenance



BMP 10- left inside view after maintenance



BMP 10- right inside view after maintenance



BMP 11- overall after maintenance



BMP 11- inlet throat after maintenance



BMP 11- left inside view after maintenance



BMP 11- right inside view after maintenance



BMP 12- overall after maintenance



BMP 12- inlet throat after maintenance



BMP 12- inside view after maintenance



BMP 13- overall after maintenance



BMP 13- inlet throat after maintenance



BMP 13- inside view after maintenance



BMP 16- inside view after maintenance



BMP 16- overall after maintenance



BMP 17- overall after maintenance



BMP 17- inside view after maintenance



BMP 18- overall after maintenance



BMP 18- inside view after maintenance



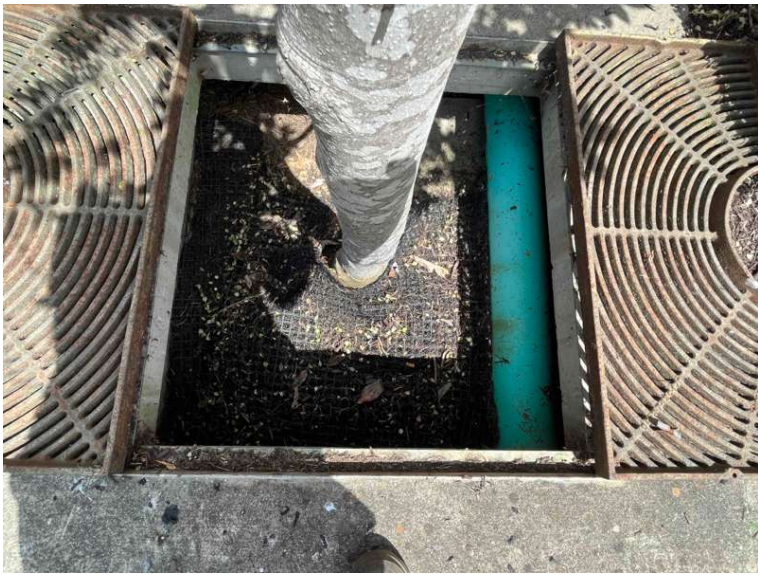
BMP 19- overall after maintenance



BMP 19- inside view after maintenance



BMP 20- overall after maintenance



BMP 20- inside view after maintenance



BMP 21- overall after maintenance



BMP 21- inside view after maintenance



BMP 28- before



BMP 28- before



BMP 28- after



BMP 28- before



BMP 28- after



BMP 31- before



BMP 31- after



BMP 31- after



BMP 47 - after cleaning vault



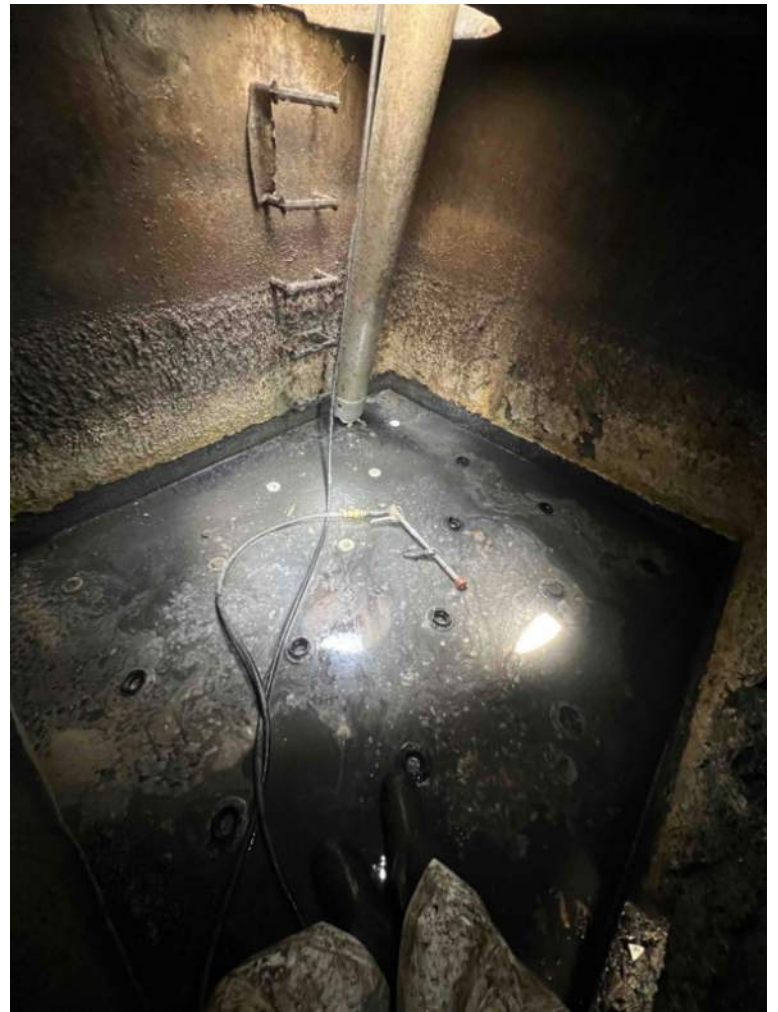
BMP 47 - after replacing cartridges



BMP 48- before replacing cartridges



BMP 48- before replacing cartridges



BMP 48- After cleaning vault



BMP 48- After replacing cartridges



BMP 48- After replacing cartridges



BMP 49 - after cleaning vault



BMP 49 - after replacing cartridges

MCM 6 POLLUTION PREVENTION AND GOOD HOUSEKEEPING

NUTRIENT MANAGEMENT PLAN APPROVAL LETTER

Matthew J. Strickler
*Secretary of Natural and Historic
Resources and Chief Resilience Officer*

Clyde E. Cristman
Director



COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

September 21, 2021

Rochelle Altholz
*Deputy Director of
Administration and Finance*

Nathan Burrell
*Deputy Director of
Government and Community Relations*

Darryl M. Glover
*Deputy Director of
Dam Safety & Floodplain
Management and Soil & Water
Conservation*

Thomas L. Smith
*Deputy Director of
Operations*

Gilbert Hanzlik
Virginia State University
2916 Mysters Macklin Street
VSU VA 23806

Your nutrient management plan (NMP) dated 9/1/2021 located in City of Colonial Heights and Chesterfield County has been approved by the Virginia Department of Conservation and Recreation (DCR). The approved plan is for 92.66 acres. Only nutrient recommendations for applications to be made after the date of this letter are approved by this letter. Your NMP was written by a nutrient management planner certified by DCR.

This site has not been inspected by DCR and this approval is contingent upon site conditions being as stated in the NMP. Any revisions to this plan must be approved by DCR. Any change in personnel resulting in a change to the plan manager should be reported to the Certified Nutrient Management Planner who will then make DCR aware. Please note that this letter should be kept with the NMP and supporting documentation including nutrient application records. This plan expires on 9/1/2024. Please feel free to contact me with any questions or concerns regarding this approval.

Best regards,

A handwritten signature in cursive script that reads "Anita Tuttle".

Anita Tuttle
Urban Nutrient Management Coordinator
Division of Soil and Water Conservation
600 East Main Street, 24th Floor
Richmond VA 23219
(804) 513-5958

SPCC AND HAZARDOUS WASTE MANAGEMENT TRAINING

Sheila Reeves

From: Sheila Reeves
Sent: Tuesday, September 24, 2024 8:40 PM
To: Sheila Reeves
Subject: Fw: SWPPP Training
Attachments: SWPPP Training (5).pdf

Sheila S. Reeves, PE, CFM

Senior Project Manager

TIMMONS GROUP | www.timmons.com

Office: 804.200.6517 | Mobile: 804.396.9677

To send me files greater than 20MB [CLICK HERE](#).

From: Jonathan A. Taylor <jataylor@vsu.edu>
Sent: Thursday, June 27, 2024 4:19 PM
To: Sheila Reeves <Sheila.Reeves@timmons.com>; Hailey Fry <Hailey.Fry@timmons.com>; Marlene McGraw <Marlene.McGraw@timmons.com>
Cc: Jane S. Harris <jsharris@vsu.edu>; Gilbert Hanzlik <ghanzlik@vsu.edu>
Subject: FW: SWPPP Training

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Sheila, Hailey, and Marlene

The SWPPP Training was provided to the Facilities Staff listed below for the current MS4 permit year.

Let us know if you have any questions.

Thanks

Jonathan

From: Gilbert Hanzlik <ghanzlik@vsu.edu>
Sent: Thursday, June 27, 2024 3:09 PM
To: Jonathan A. Taylor <jataylor@vsu.edu>
Subject: SWPPP Training

The following individuals have viewed the attached slides pertaining to SWPPP Training.

Gil Hanzlik
John Sulla
David Weddle
Kenny Roberts

Robert Hawks
Garland Stewart
Robert Banks
Anthony Johnson
Larry Drew Crowder
Steven Price
Chris Sabree
Glenn Nesgoda
Melvin Trapp
Leonard Oliver
Steven Prior
Gary Surber
Wilder Flores
Desmond Noel
Jim Sorenson
Leroy Jones
Lance Hinton
Kevin Martir
Robert Noel

With Trojan Pride,

Gilbert E. Hanzlik, Jr..
Director of Facilities, VCCO
Capital Outlay & Facilities
Virginia State University
ghanzlik@vsu.edu
804.524-3698



At VSU, we meet the educational needs of our students, graduating lifelong learners who are well-equipped to serve their communities as informed citizens, globally competitive leaders, and highly effective, ethical professionals.

[Invest in the GREATER at VSU.](#)

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**WHAT IS
POLLUTION
PREVENTION &
WHY DOES IT
MATTER?**

WWW.TIMMONS.COM



It's all about safety!

- Waterways safe from erosion and flooding
- Water bodies safe for recreation and wildlife
- Drinking water safe from contaminants



Image Credit:

- https://commons.wikimedia.org/wiki/File:Swimming_in_the_Oconaluftee_River,_Cherokee,_NC_IMG_5146.JPG
- <https://www.northlandtackle.com/seeing-is-believing/>
- <https://www.citizen.co.za/kempton-express/news-headlines/2018/12/16/palmiet-booster-station-resumes-pumping-at-full-capacity/>

How do pollutants enter our waterways?



Let's take a closer look...

The Stormwater Cycle



Stormwater Pollutants



Fertilizers



Sediment



Deicers



Trash



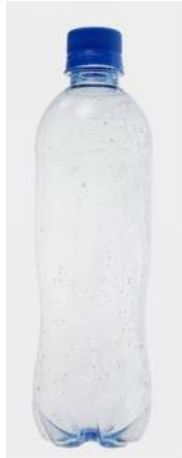
Oils & Greases



Bacteria

QUIZ!

✓ Which one of these things can become pollutants in our waterways?



A



B

or

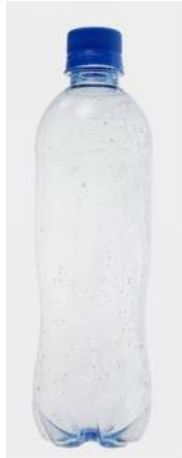


C

D: ALL OF THE ABOVE

QUIZ!

✓ Which one of these things can become pollutants in our waterways?



A



B

or



C

D: ALL OF THE ABOVE

How are Stormwater Pollutants Regulated?

- The Law: Clean Water Act (1972)
- Regulations: The National Pollutant Discharge Elimination System (NPDES)
- State Water Control Board
- VA DEQ

How are Stormwater Pollutants Regulated?



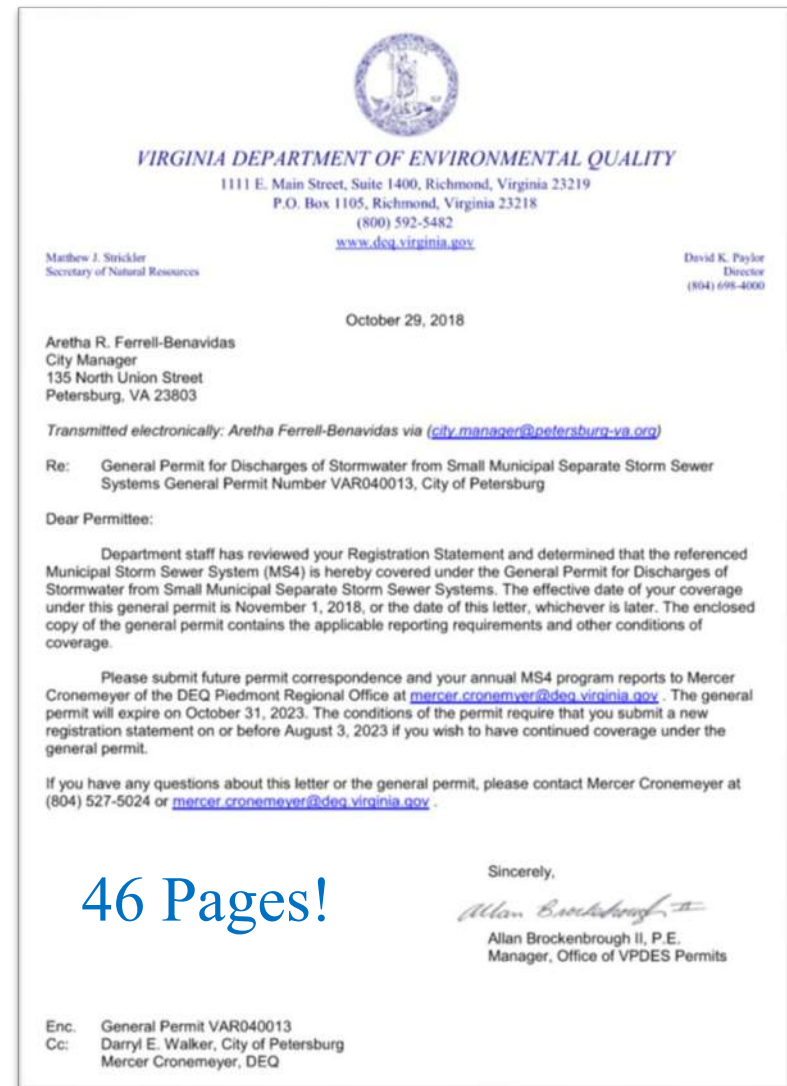
- Municipal Separate Storm Sewer System or an MS4 General Permit
 - An MS4 Operator can be:
 - Cities or counties
 - Colleges or Universities
 - Correctional facilities
 - Hospitals
 - Military Bases



is a MS4!

6 Minimum Control Measures (MCM) and Special Conditions

1. Public Outreach and Education
2. Public Involvement/Participation
3. Illicit Discharge Detection & Elimination
4. Construction Site Stormwater Runoff
5. Post-Construction Stormwater Management
6. Pollution Prevention/Good Housekeeping



QUIZ!

✓ How many Minimum Control Measures (MCM) are there?

A. One

B. Five

C. Six

QUIZ!

✓ How many Minimum Control Measures (MCM) are there?

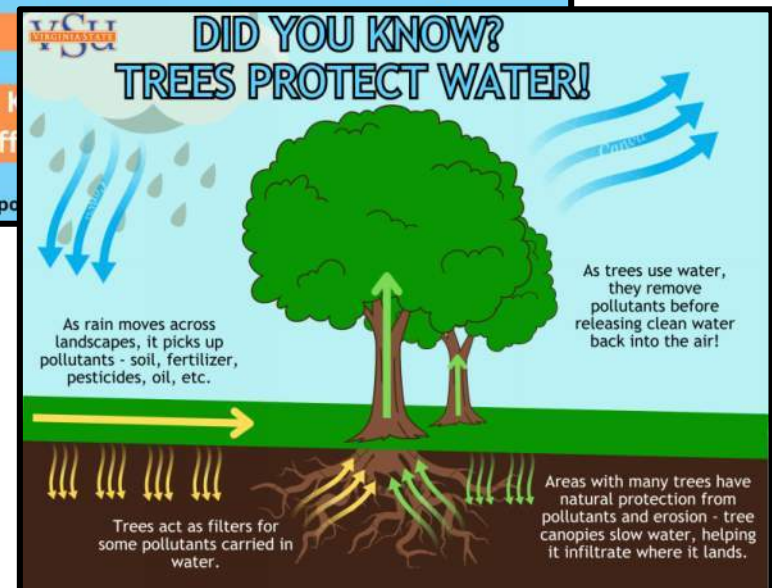
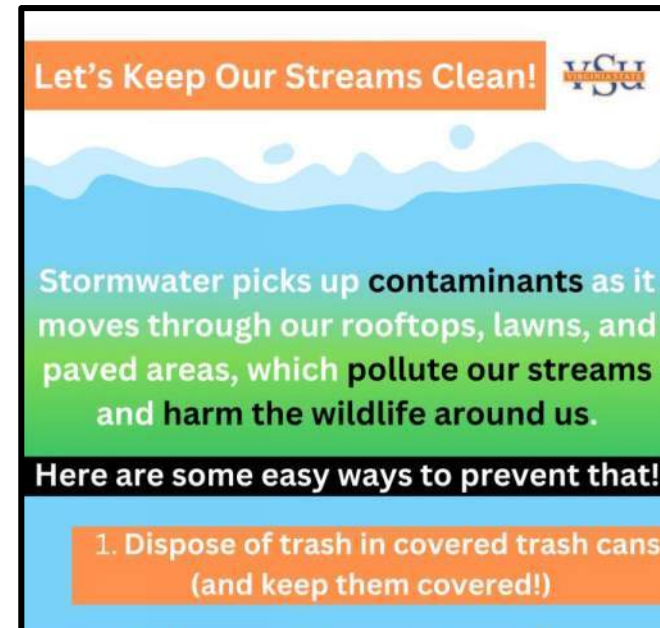
A. One

B. Five

C. Six

MCM 1: Public Outreach and Education


- Develop & implement a program that promotes awareness of pollution prevention
- VSU Application:
 - Minimize impact of development (Land and Vegetation Management)
 - Install and maintain informational signs on campus (General Stormwater Awareness)
 - Educate students and staff on litter (Dumpster and Litter Management on Campus)



MCM 2: Public Involvement/Participation

- Provide opportunities/activities for the public to play an active role in pollution prevention and water quality

VSU Tree Campus USA Meeting Minutes
April 8, 2021



- **Attendees** – Dr. Witiak, Neal Beasley, Heather Barrar, Mike Claud, Jane Harris, Gil Hanzlik, Chris Grammer, Dr. Rainey, Ms. Sanders.
- **Format**- ZOOM- Virtual
- **Arbor Day is Friday, April 30, 2021**
- **Spring Service Event**

- VSU Application:
 - Fall Service Day Event
 - Spring Service Day Event
 - Tree Campus USA Advisory Committee
 - BMP Information Flyer



Service-Learning in Freshman Studies



MCM 3: Illicit Discharge Detection & Elimination

The University must:

- Identify all storm sewer infrastructure, outfalls, and receiving streams
- Ensure no illicit discharges enter the system.
- Eliminate any illicit discharges



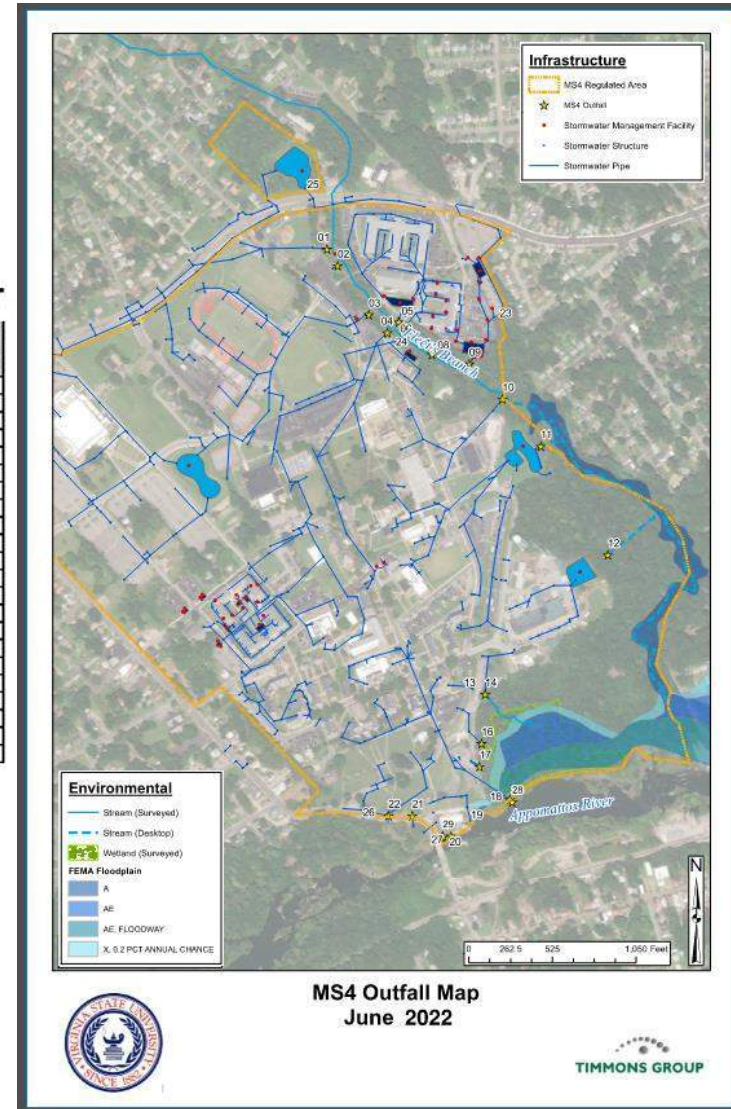
MCM 3: Illicit Discharge Detection & Elimination

Outfall & SWM Facility Map

MS4 Outfalls

ID	Approximate Latitude	Approximate Longitude	Location Description	Estimated Acreage Served ¹	Name of Receiving Water	Receiving Water 6th Order HUC	Impaired? ²	Predominant Land Use ³	Chesapeake Bay TMDL?	Local TMDL?
01	37.242907	-77.419705	East Side of Fleets Branch Near Gateway	10.1	Fleets Branch	JA40	No	NA	Yes	No
02	37.242623	-77.419479	East Side of Fleets Branch Near Gateway	0.7	Fleets Branch	JA41	No	NA	Yes	No
03	37.241771	-77.418821	East Side of Fleets Branch Near Gateway	56.9	Fleets Branch	JA42	No	NA	Yes	No
04	37.241458	-77.418425	East Side of Fleets Branch Behind Wilder Bldg.	51.9	Fleets Branch	JA43	No	NA	Yes	No
05	37.241708	-77.418126	Gateway Retention Basin III	7.1	Fleets Branch	JA44	No	NA	Yes	No
06	37.241325	-77.418149	East Side of Fleets Branch Behind Wilder Bldg.	4.3	Fleets Branch	JA45	No	NA	Yes	No
08	37.241077	-77.417469	East Side of Fleets Branch Behind Wilder Bldg.	0.1	Fleets Branch	JA46	No	NA	Yes	No
09	37.240907	-77.416672	Gateway II Parking Lot	5.5	Fleets Branch	JA47	No	NA	Yes	No
10	37.240295	-77.415961	East of Fleets Branch Behind Alumni Foundation	7.0	Fleets Branch	JA48	No	NA	Yes	No
11	37.239475	-77.415147	ROTC BMP	22.2	Fleets Branch	JA49	No	NA	Yes	No
12	37.237369	-77.414102	Physical Plant BMP	5.6	Fleets Branch	JA50	No	NA	Yes	No
14	37.235221	-77.416406	East of Heating Plant	1.7	Appomattox River	JA51	Yes	Academic	Yes	E. coli
16	37.234375	-77.416496	East of Heating Plant	2.3	Appomattox River	JA52	Yes	Academic	Yes	E. coli
17	37.233979	-77.416547	East of Heating Plant	0.8	Appomattox River	JA53	Yes	Academic	Yes	E. coli
18	37.233408	-77.415901	Southernmoast Side of Campus Near Simms Hall	8.8	Appomattox River	JA54	Yes	Academic	Yes	E. coli
20	37.232856	-77.417759	Southernmoast Side of Campus Near Simms Hall	0.3	Appomattox River	JA55	Yes	Academic	Yes	E. coli
21	37.233184	-77.418018	Southernmoast Side of Campus Near Simms Hall	0.7	Appomattox River	JA56	Yes	Academic	Yes	E. coli
22	37.233142	-77.41852	Southernmoast Side of Campus Near Simms Hall	0.7	Appomattox River	JA57	Yes	Academic	Yes	E. coli
24	37.241605	-77.417983	Southwest of Gateway II Building	1.8	Fleets Branch	JA58	No	NA	Yes	No
27	37.232786	-77.417176	Appomattox River Overlook	0.7	Appomattox River	JA59	Yes	Academic	Yes	E. coli
28	37.23337	-77.41584	Southernmoast Side of Campus Near Simms Hall	Unknown	Appomattox River	JA60	Yes	Academic	Yes	E. coli
29	37.23279	-77.41735	Appomattox River Overlook	Unknown	Appomattox River	JA61	Yes	Academic	Yes	E. coli

- Notes
- 1 - Only includes area within VSU's MS4 regulated area
 - 2 - Based on the Virginia 2020 305(b)/303(d) Water Quality Assessment Integrated Report
 - 3 - Land use only added for outfalls discharging to impaired waters



MCM 3: Illicit Discharge Detection & Elimination

Dry Weather Screening



Virginia State University
Capital Outlay & Facilities
(804) 524-6239

MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 01	Date and Time: May 30, 2024 8:43 AM	Inspector: HF & RH

LAST RAINFALL		
Depth (in): 0.31	End Date: 05/27/2024	Approx. End Time: 10:54am
Weather history can be found at: https://www.wunderground.com/weather/us/va/virginia-state-university		

FLOW			
Present?	Yes	If yes:	Approx. Discharge Rate: Moderate
			Approx. Depth of Flow (in): 0.1

POTENTIAL POLLUTANT INDICATORS			
Indicator	Present?	Description	Relative Severity Index (1-3)
Odor	No	N/A	N/A
Turbidity	No	See Severity Index	N/A
Floatables	No	N/A	N/A
Deposits/Stains	YES	Flowline	3
Poor Pool Quality	No	N/A	N/A
Pipe Benthic Growth	YES	Green	2

MAINTENANCE			
Issue	Present?	Notes	Relative Severity Index (1-3)
Sediment	No		N/A
Trash	YES	Accumulation in pool and rip rap	3
Erosion	YES	Pool erosion	3
Physical Damage	YES	Concrete deteriorating	2

NOTES	
<input checked="" type="checkbox"/>	An illicit discharge is not suspected at this location.
<input type="checkbox"/>	An illicit discharge is suspected at this location but the source of the discharge cannot be found. A minimum of three (3) separate follow-up investigations is required to attempt to identify the source of the discharge within a 6-month period.
<input type="checkbox"/>	An illicit discharge was observed and the source of the discharge has been determined. The Stormwater Program Manager has been contacted immediately.
Not suspected of illicit discharge due to consistent flow through the years. Erosion of pool and stability of concrete should be monitored. Some trash, sediment and debris present in outfall pool that is recommended to be removed.	

If an illicit discharge is suspected, immediately contact Capital Outlay & Facilities and complete the *Illicit Discharge Investigation Form* (Version 2019).

1



Virginia State University
Capital Outlay & Facilities
(804) 524-6239

MS4 Stormwater Outfall Screening

DESCRIPTION		
Outfall ID: 01	Date and Time: May 30, 2024 8:43 AM	Inspector: HF & RH



PHOTOGRAPHS



If an illicit discharge is suspected, immediately contact Capital Outlay & Facilities and complete the *Illicit Discharge Investigation Form* (Version 2019).

2

MCM 4: Construction Site Stormwater Runoff Control

- Implement measures that prohibit sediment and pollutants from leaving construction activities and from entering the storm sewer system.
- Examples:
 - Construction entrance
 - Silt fence
 - Matting/Mulching
 - Storm drain inlet protection



MCM 5: Post-Construction Stormwater Management

- Implement and enforce a program to reduce post-construction runoff to their storm sewer system.
- Types of SWM Facilities
 - Dry/Wet ponds
 - Bioretention
 - Permeable pavement
 - Proprietary BMPs
- Maintenance of SWM Facilities Required



MCM 6: Pollution Prevention & Good Housekeeping

- University required to identify procedures to help minimize/prevent pollutant discharge from daily maintenance operations



MCM 6 Procedures Include:

- Identify possible pollutants and strategies to minimize potential for spills/discharges
- Employee Training Program Procedures
- Stormwater Pollution Prevention Plan (SWPPP) for each identified High Priority Facility (digital or hardcopy on site)
- Nutrient Management Plan
- Requires contract language for contractors employed by the University to use appropriate control measures during construction



MCM 6: Pollution Prevention & Good Housekeeping

- The entire VSU campus requires SWPPP Implementation. There are four main areas of focus
 - Gateway Dining Hall
 - Jones Dining Hall
 - Heating Plant
 - Facilities Building



QUIZ!

✓ What does SWPPP stand for?

A. Storm Water Pollution Policy Plan

B. Storm Water Pollution Prevention Plan

C. Storm Water Pollution Prevention Party

QUIZ!

✓ What does SWPPP stand for?

A. Storm Water Pollution Policy Plan

B. Storm Water Pollution Prevention Plan

C. Storm Water Pollution Prevention Party

SWPPP Contents

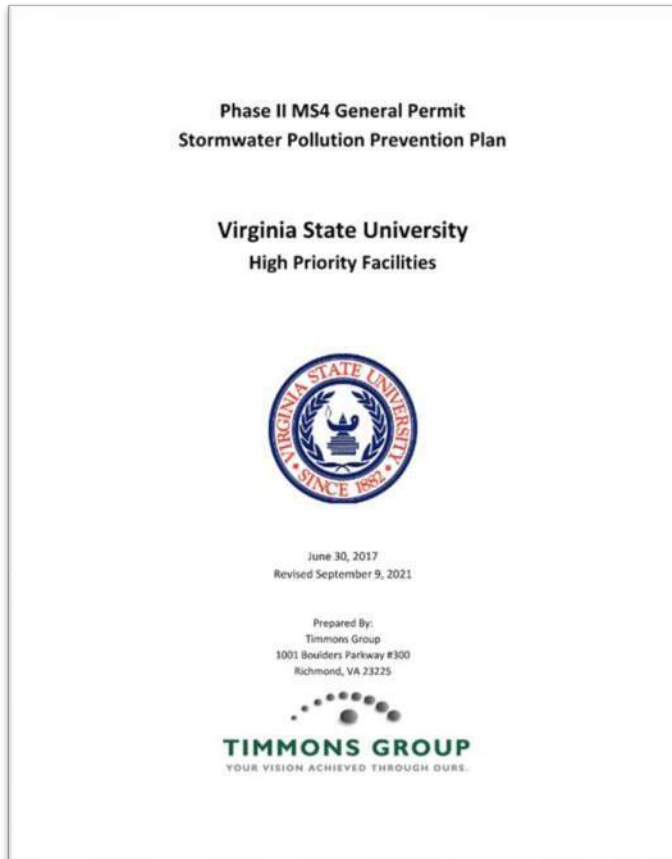


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Discharge, Release, or Spill Records Log

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Appendix B – Potential Pollutants and Sources

Appendix C – Potential Nonstormwater Discharges

Appendix D – Standard Operating Procedures

Appendix E – Training Plan

Appendix F – Annual Comprehensive Site Compliance Evaluation Form and Checklist

Appendix G – Source Controls

Appendix H – Discharge, Release, or Spill Records

Appendix I – 2013 – 2018 MS4 General Permit

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Appendix I – 2013 – 2018 MS4 General Permit

SWPPP: Overview

- Identifies where SWPPP is to be kept on-site
- Intended to be a “living” document: revise/update based on site activities
- Provides schedule for regular inspections required



Overview

This Stormwater Pollution Prevention Plan (SWPPP) is a required document that has been developed and implemented in accordance with Section II.B.6.b (3) of the Municipal Separate Storm Sewer System (MS4) Permit.

This plan has been organized in accordance with Section II.B.6.b (4) of Permit which outlines the required contents of each SWPPP. These requirements are listed below and are addressed in each corresponding appendix.

- A site description that includes a site map identifying all outfalls, direction of flows, existing source controls, and receiving water bodies;
- A discussion and checklist of potential pollutants and pollutant sources;
- A discussion of all potential nonstormwater discharges;
- Written procedures designed to reduce and prevent pollutant discharge;
- A description of the required applicable training;
- Procedures to conduct an annual comprehensive site compliance evaluation;
- An inspection and maintenance schedule for site specific source controls; and
- Records of any discharge, release, or spill.

SWPPPs have been developed for all applicable high-priority facilities that have a potential for pollutant discharge.

This SWPPP should be kept on-site at all times and in an area that is readily accessible to all staff and inspectors. The facility is to write where the plan will be kept here:

This is a living document. Major site changes related to site activities, operations, and site layout have to be documented and kept up to date in this SWPPP.

The overall goal of the MS4 Permit and ultimately the SWPPP is to minimize or eradicate stormwater and non-stormwater pollutant discharges from a site, and it's corresponding activities.

Throughout each year, tasks within this SWPPP (site assessments, inspections, and discharge records) have to be addressed and documented per the SWPPP requirements. These tasks are outlined below.

Task	Frequency	Completion Log	Procedures, Blank Forms, and Completed Forms
Comprehensive Site Compliance Evaluation	Annually	Page iii	Appendix F
Source Control Inspection	Annually	Page iv	Appendix G
Discharge, Release, or Spill Report	Each Incidence	Page v	Appendix H

SWPPP: Schedule for Implementation

Task	Frequency	Completion Log	Procedures, Blank Forms, and Completed Forms
Comprehensive Site Compliance Evaluation	Annually	Page iii	Appendix F
Source Control Inspection	Annually	Page iv	Appendix G
Discharge, Release, or Spill Report	Each Incidence	Page v	Appendix H

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Appendix G – Source Controls

Appendix H – Discharge, Release, or Spill Records

Appendix I – 2013 – 2018 MS4 General Permit

SWPPP: Annual Evaluation Log



Phase II MS4 General Permit
Virginia State University
High Priority Facilities
SWPPP

Annual Comprehensive Site Compliance Evaluation Log

This log serves as a quick summary of completed Annual Comprehensive Site Compliance Evaluations. Instructions, blank forms, and completed evaluations can be found in Appendix F.

Evaluation Date (mm/dd/yyyy)	Evaluator (Name and Position)	Are Revisions to Plan Required? (Y/N)	Revisions Made (mm/dd/yyyy and Name)
03/09/2016	M. Webb/K. Atkinson (Timmons Group)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	07/19/2016 (Timmons Group)
6/28/2018	M. Webb/M. Paul (Timmons Group)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	NA
4/17/2019	M. Webb (Timmons Group)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	05/15/2019 (Timmons Group)
4/03/2020	M. Webb (Timmons Group)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	NA
6/04/2021	J. Slagle (Timmons Group)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	NA
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

- Instructions & Checklist in Appendix F

SWPPP: Annual Comprehensive Site Evaluation

Appendix F for Procedures and Checklist

- Visual inspection of all potential pollutant sources that may enter the stormwater drainage system via both stormwater or non-stormwater discharges;
- A review and assessment of all BMPs and Pollution Prevention/Good Housekeeping measures to determine whether they are adequate and properly implemented, or whether additional practices or measures are needed; and
- Visual inspection of all equipment needed to implement the SWPPP, such as spill response equipment, drip pans, brooms or vacuum sweepers, or containers used for absorbents.



Inspection Checklist

Vehicle Equipment and Fueling - Present On-site: Yes No

1. Fueling area is designed to prevent run on of stormwater and the runoff of spills
2. Employees are trained in proper fueling and cleanup procedures
3. Absorbent materials are used on small spills rather than hosing down
4. Daily inspections performed
5. Pump island is inspected regularly for spills and leaks

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Image Credit:
 - https://knoxcounty.org/stormwater/illlicit_discharge.php
 - <https://www.amazon.com/dp/B000VDR8LA?tag=etalecouk-20&th=1gp&m=ATVPDKIKX0DER>
 - <https://villageofparkforest.com/497/Above-Ground-Fuel-Tanks>

Inspection Checklist

Vehicle and Equipment Washing/Steam Cleaning - Present On-site: Yes No

1. A designated wash area is used
2. The wash area is equipped with a BMP and is connected to a sanitary sewer
3. The designated wash area is properly designed
4. The BMP is cleaned regularly

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Vehicle and Equipment Maintenance and Repair - Present On-site: Yes No

1. Maintenance is done in a designated area only
2. Equipment is kept clean, with no build-up of oil and grease
3. Drip pans and containers are used under areas that may drip
4. Used oil and oil filters, antifreeze, batteries, fluids, etc. are recycled

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Outdoor Loading/Unloading of Materials - Present On-site: Yes No

1. Delivery vehicles are parked so that spills and leaks can be contained
2. The loading/unloading dock is covered to reduce exposure of materials to rain
3. The loading/unloading area is designed to prevent stormwater run on
4. Fork lift operators are properly trained

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Outdoor Container Storage of Materials - Present On-site: Yes No

1. Materials are covered to protect from rainfall
2. Materials are protected from run on and runoff of stormwater
3. Waste dumpsters are covered
4. Hazardous materials are stored in a properly designed storage area

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Outdoor Process Equipment Operation and Maintenance - Present On-site: Yes No

1. The area is covered with a permanent roof
2. Berming and drainage routing is used to minimize contact of stormwater
3. The equipment area is swept after each use of machine or at the end of each day

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Outdoor Storage of Raw Materials/Products - Present On-site: Yes No

1. The storage area is covered with a roof
2. Materials are covered with a temporary plastic covering
3. Berms and curbing are used to prevent materials from entering the storm drain system
4. Parking lots and/or other areas are swept regularly near the material storage area

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

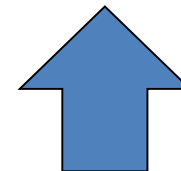


Inspection Checklist

Waste Handling and Disposal - Present On-site: Yes No

1. Usage and disposal inventory is used to limit waste generation
2. Materials are recycled whenever possible
3. Wastes are segregated and separated
4. Storage area is covered, enclosed and bermed

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Contaminated or Erodible Surface Areas - Present On-site: Yes No

1. Erosion can be controlled by preservation of natural vegetation
2. Surface area is regularly inspected to determine if revegetation is needed
3. Geosynthetics are used as an alternative surface area
4. Sandbags or berms are needed to prevent stormwater pollution

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Building and Grounds Maintenance - Present On-site: Yes No

1. Pesticides and fertilizers are used and stored properly
2. Paved areas are swept instead of washed down
3. Wash water, sweepings and sediments are disposed of properly
4. Planting of natural vegetation reduces water, fertilizer, and/or pesticide needs

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Inspection Checklist

Building Repair, Remodeling, and Construction - Present On-site: Yes No

1. Materials used in repair and remodeling (paints, etc.) are stored properly
2. Soil erosion control techniques are used
3. Good housekeeping practices are used

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Image Credit:

- <https://www.dewittcompany.com/product/silt-fence/>
- <https://www.dreamstime.com/paint-buckets-stacked-construction-site-kuala-lumpur-malaysia-november-ready-to-used-painter-internal-external-image187819417>
- <https://www.shutterstock.com/image-photo/wooden-pallet-concrete-bricks-piled-plastic-154486451>
- <https://www.inspirationspaint.com.au/articleview/235/how-do-you-remove-paint-spots-drips-from-concrete>
- <https://www.petepagano.com/blog/buried-treasure>

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SWPPP: Quarterly Inspection Log



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Source Control Inspection Log

This log serves as a quick summary of completed Source Control Inspections. Instructions, blank forms, and completed evaluations can be found in Appendix G. Note: Virginia State University routinely inspects all Source Controls according to their MS4 Program Plan. See the current Program Plan as well as Annual Reports for inspection records.

Inspection Date (mm/dd/yyyy)	Source Control	Inspector (Name and Position)	Is Maintenance Required? (Y/N)	Date Maintenance Completed (mm/dd/yyyy)
4/27/2016	BMP 29 & 30	Timmons Group/Exact Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Refer to BMP records
3/17/2017	BMP 29 & 30	Timmons Group/Exact Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Refer to BMP records
5/24/2018	BMP 29 & 30	Timmons Group/Exact Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Refer to BMP records
6/11/2019	BMP 29 & 30	Timmons Group/Exact Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Refer to BMP records
3/6/2020	BMP 29, 30, 46, & 48	Timmons Group/Exact Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Refer to BMP records
6/17/2021	BMP 29, 30, 46, & 48	Timmons Group/Exact Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Refer to BMP records
<ul style="list-style-type: none"> Instructions & Checklist in Appendix G 			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	

SWPPP: Quarterly Inspection Log

Appendix G for Procedures and Checklist

- Focuses on BMPs & Pollution Prevention (P2) Measures Source Controls
- Visual inspection
- Things to look for:
 - Erosion,
 - Bypassing of intended flows,
 - Trash/Sediment accumulation
 - Monitor outlet structure/pipes for clogging
 - Presence & Readiness of P2 Measures



SWPPP: Quarterly Inspection Log

Appendix G for Procedures and Checklist



BMP/P2 Measure Inspection Report				
General Information				
Name of Building or Operation:				
Inspector's Name(s):				
Inspector's Title(s):				
Inspector's Contact information:				
Type of Inspection:	<u>Scheduled</u> <input type="checkbox"/>	<u>Random</u> <input type="checkbox"/>	<u>Maintenance Related</u> <input type="checkbox"/>	<u>Follow up</u> <input type="checkbox"/>
Date of Inspection:				
Weather at the time of inspection:				
Site Source Control Inspection Information				
<i>Inspectors should identify both the structural and non-structural BMPs identified on the site map and include them below (Be sure to include any new BMPs that have been implemented on site). Carry a copy of the site map with you during your inspections.</i>				
BMP/P2 Measure # _____				
BMP Description:			BMP Location:	
<u>Inspection Items</u>			<u>Yes</u>	<u>No</u>
Does the BMP show any signs of structural deterioration?			<input type="checkbox"/>	<input type="checkbox"/>
Does the BMP have an excess of trash, debris, sediment accumulation?			<input type="checkbox"/>	<input type="checkbox"/>
Does the BMP have any staining (oil, oxidation, biological, etc.)?			<input type="checkbox"/>	<input type="checkbox"/>
Is the BMP clear of excess vegetation?			<input type="checkbox"/>	<input type="checkbox"/>
Is there excessive erosion or undermining of the BMP or its structural components?			<input type="checkbox"/>	<input type="checkbox"/>
If applicable, has the long term maintenance plan been followed for this BMP?			<input type="checkbox"/>	<input type="checkbox"/>
Is the BMP Installed and Operating Properly?			<input type="checkbox"/>	<input type="checkbox"/>
Corrective Action Needed?			<input type="checkbox"/>	<input type="checkbox"/>
Other:				

SWPPP: Quarterly Inspection Log

Appendix G for Procedures and Checklist



Pollution Prevention (P2) Measures

BMP/P2 Measure Inspection Report				
General Information				
Name of Building or Operation:				
Inspector's Name(s):				
Inspector's Title(s):				
Inspector's Contact information:				
Type of Inspection:	<u>Scheduled</u>	<u>Random</u>	<u>Maintenance</u> <u>Related</u>	<u>Follow up</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date of Inspection:				
Weather at the time of inspection:				
Site Source Control Inspection Information				
<i>Inspectors should identify both the structural and non-structural BMPs identified on the site map and include them below (Be sure to include any new BMPs that have been implemented on site). Carry a copy of the site map with you during your inspections.</i>				
BMP/P2 Measure # _____				
BMP Description:			BMP Location:	
Inspection Items			Yes	No
Does the BMP show any signs of structural deterioration?			<input type="checkbox"/>	<input type="checkbox"/>
Does the BMP have an excess of trash, debris, sediment accumulation?			<input type="checkbox"/>	<input type="checkbox"/>
Does the BMP have any staining (oil, oxidation, biological, etc.)?			<input type="checkbox"/>	<input type="checkbox"/>
Is the BMP clear of excess vegetation?			<input type="checkbox"/>	<input type="checkbox"/>
Is there excessive erosion or undermining of the BMP or its structural components?			<input type="checkbox"/>	<input type="checkbox"/>
If applicable, has the long term maintenance plan been followed for this BMP?			<input type="checkbox"/>	<input type="checkbox"/>
Is the BMP Installed and Operating Properly?			<input type="checkbox"/>	<input type="checkbox"/>
Corrective Action Needed?			<input type="checkbox"/>	<input type="checkbox"/>
Other:				

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SWPPP: Discharge, Release, or Spill Records Log



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Discharge, Release, or Spill Records Log

This log serves as a quick summary of Discharges, Releases, or Spills that have occurred at this facility. Blank forms and completed reports can be found in Appendix H.

Date of Incident	Material	Quantity	Cause of Discharge, Release, or Spill	Cleanup and Disposal Method	Date Reported to DEQ (if applicable)

- Use to record all discharge, release or spills that occur on site
- Reporting form located in Appendix H

SWPPP:

Discharge, Release, or Spill Records Report

- Description of event
 - Cause of event
 - How much released
 - Method of cleanup
 - Indicate if reporting is required.
- After each discharge, review/revise materials handling procedures to better protect in future

FACILITY SPILL, RELEASE, or DISCHARGE REPORT

Site Name: _____

Date of Incident: _____ Site Manager: _____

Description of Incident: _____

Cause of Incident: _____

Volume of Spill/Release/Discharge: _____

Length of Time Spill/Release/Discharge Continued: _____

Expected Length of Time Spill/Release/Discharge will Continue: _____

Expected Total Volume if Spill/Release/Discharge Continues: _____

Method of Cleanup: _____

Measures Recommended to Avoid Similar Future Incident: _____

Reporting Required (Y/N): _____ Reported to: _____

Date/time: _____ Phone Number: _____

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SWPPP: Site Description and Map

- Site address
 - Identifies receiving water body
 - Identifies if receiving water is impaired
 - Describes general uses of site
 - Site layout/plans
- Requires updating when site uses change

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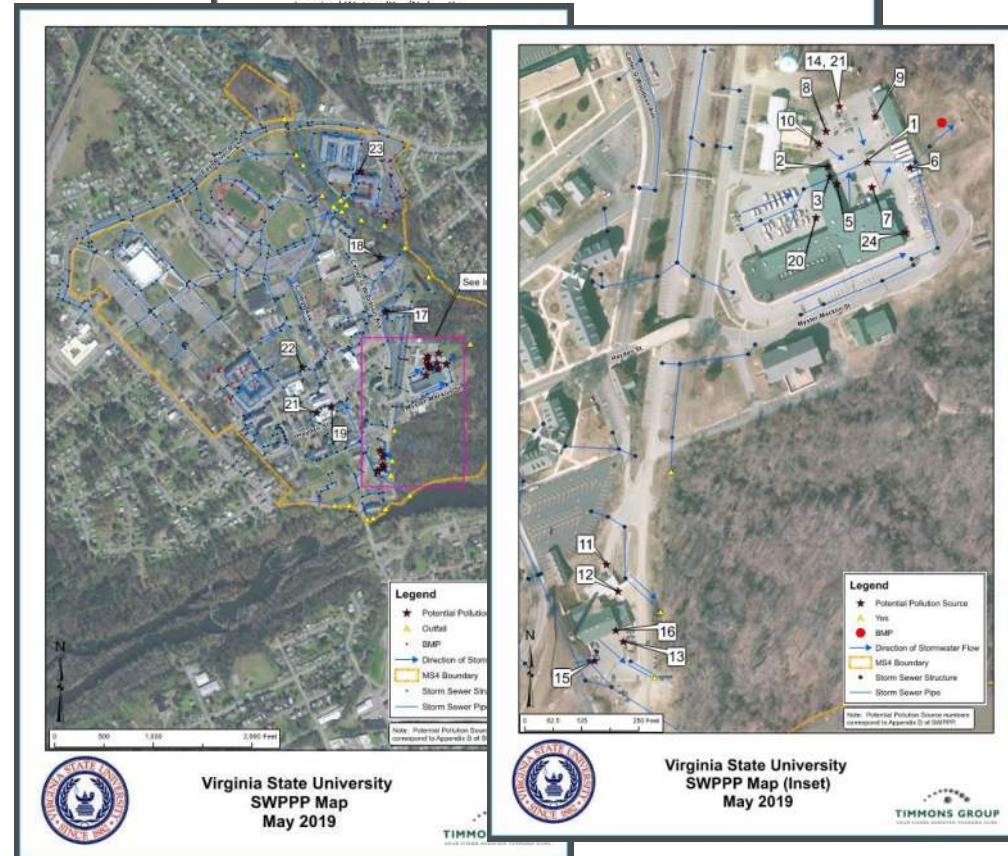
Site Description

Street Address: 1 Hayden Street

City: Petersburg State: VA Zip: 23806

Latitude: 37.2365 Longitude: -77.4199

Receiving Water Body Name: Appomattox River



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SWPPP: Potential Pollutants & Sources



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Potential Pollutants and Sources

Example Potential Pollutant Sources: Uncovered Trash Cans, Open, Deteriorated, or Leaking Containers, Uncovered Outdoor Storage Facilities, Unmaintained Containers/Storage, Gas Pump, Material Loading/Unloading areas, On-site Waste Disposal Practices, Maintenance Areas, Wash Down Areas, Areas Exposed to Erodible Soils, Unprotected stockpile areas.

Example Potential Pollutants: Oil, Grease, Fuel, Coolant, Lubricant, Solvents, Detergent, Acid Wash, Paint, Sediment, Soil, Salt, Sand, Raw Materials, Aggregates, Cement, Pesticides, Herbicides, Waste, Trash, Wastewater, Building Materials.

Date Added	Source and Location #	Potential Pollutant	Management Practice (Found in Appendix D)
4/21/2016	High Risk Inlet – (1, 6)	Oil, Grease, Fuel, Solvents, Sediment, Soil, Salt, Sand, Waste, Trash	SOP 5.1 and 5. 5
4/21/2016	Refueling Station – (2)	Oil, Grease, Fuel, Coolant, Lubricant	SOP 5.7
4/21/2016	Used Oil Storage – (3)	Oil, Grease, Fuel	SOP 5. 1
4/21/2016	Maintenance Bay – (4, 5, 9)	Oil, Grease, Fuel, Coolant, Lubricant	SOP 5.1
4/21/2016	Loading/Unloading Area – (4, 7, 9)	Minimal	SOP 5.1
4/21/2016	Solid Waste Receptacle – (8, 10)	Waste, Trash	SOP 5.3



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1: High Risk Inlet



2: Refueling Station



3: Used Oil Storage



4: Maintenance Bay (with trench drain)



5: Maintenance Bays



6: High Risk Inlet

SWPPP: Potential Pollutants & Sources



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Date Identified	Source and Photo #	Potential Pollutant	Management Practice (Found in Appendix D)
4/21/2016	Steam Plant Fuel Oil Backup – (11)	Fuel Oil	SOP 5.1, 5.2 and 5.6
4/21/2016	Steam Plant Fuel Oil Backup – (12)	Fuel Oil	SOP 5.1, 5.2 and 5.6
4/21/2016	Equipment Storage Area – (13)	Oil, Grease, Fuel, Coolant, Lubricant	SOP 5.6
4/21/2016	Electrical Transformer – (15)	Oil, Grease	SOP 5.1
4/21/2016	Boiler Plant – (16)	Oil, Grease, Fuel, Coolant, Lubricant	SOP 5.6
4/21/2016	Hazardous Waste Storage Area – (17, 18)	Waste, Chemicals	SOP 5.1
9/2016	Emergency Generators – (several throughout campus, no photo)	Diesel Fuel	(See <i>Spill Prevention, Control, and Countermeasure Plan</i>)
9/2016	Transformers – (several additional throughout campus, no photo)	Dielectric Oil	Inspected annually by onsite contractor GCA. (See <i>Spill Prevention, Control, and Countermeasure Plan</i>)
9/2016	Used Cooking Oil – (19)	Animal Fats, Vegetable Oil	Valley Protein collects periodically. (See <i>Spill Prevention, Control, and Countermeasure Plan</i>)
9/2016	Oil/Water Separator – (20, no photo)	Oil, Grease, Fuel	Effluent discharges to City of Petersburg WWTP. Unit is inspected periodically and emptied by contractor as needed. (See <i>Spill Prevention, Control, and Countermeasure Plan</i>)

TIMMONS GROUP

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7: Loading/Unloading Area



8: Solid Waste Receptacle



9: Loading/Unloading Area



10: Solid Waste Receptacle



11: Heating Plant (boiler backup fuel storage)



12: Heating Plant (boiler backup fuel storage)

TIMMONS GROUP

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SWPPP: Potential Pollutants & Sources



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Date Identified	Source and Photo #	Potential Pollutant	Management Practice (Found in Appendix D)
9/2016	Grease Traps – (21, 22, 23)	Animal Fats, Vegetable Oil	Effluent discharges to City of Petersburg WWTP. Units are inspected periodically and emptied by contractor as needed. (See <i>Spill Prevention, Control, and Countermeasure Plan</i>)
8/2017	Vehicle Wash Rack – (14)	Oil, Grease, Fuel, Cleaning Products	SOP 5.8 (wash rack drains to sanitary sewer)
5/2019	Loading Area – (24)	Misc.	SOP 5.4
5/2019	De-icer storage – (25)	De-icer chemicals	SOP 5.4



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13: Equipment Storage Area



14: Vehicle Wash Rack



15: Electrical Transformer



16: Heating Plant



17: Hazardous Waste Storage Area



18: Hazardous Waste Storage Area



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19: Used Cooking Oil and Dumpsters



22: Used Cooking Oil and Dumpsters



23: Used Cooking Oil



24: Loading/Unloading Area



25: De-icer

TIMMONS GROUP

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SWPPP: Potential Non-Stormwater Discharges



Potential Nonstormwater Discharges

Nonstormwater discharges may include water line flushing, landscape irrigation, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, water from crawl space pumps, footing drains, street wash water, uncontaminated firefighting water discharges.

Date Identified	Potential Non-stormwater Discharge	Pollution Prevention Measures
4/2017	Wash rack near maintenance facility fuel island	<p><i>Pollution Prevention / Good Housekeeping Standard Operation Procedures</i> SOP 5.8 – Equipment Washing Areas</p> <p>The wash rack is infrequently used. Approximately 80% of all vehicle washing occurs at an off-site facility.</p>
	<ul style="list-style-type: none"> • Vehicle/ Equipment Wash Water 	
	<ul style="list-style-type: none"> • Fuel 	
	<ul style="list-style-type: none"> • Oil 	
	<ul style="list-style-type: none"> • Grease 	
	<ul style="list-style-type: none"> • Automotive fluids 	

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SWPPP: Standard Operating Procedures

- Lists general care and each potential area on site that could cause pollution and how to prevent it
 - Grounds Maintenance
 - Where/How to store fertilizers
 - Vehicle Maintenance
 - Locations/How to clean up
 - Parking Lot Maintenance
 - Cleaning/Storage



2.0 Existing Standard Operating Procedures

VSU currently follows several standard operating procedures that meet the requirements of Sec. II(B)(6)(a) of the MS4 Permit. Below is an overview of VSU's existing operational procedures outlined under each MS4 Permit requirement.

(1) Prevent illicit discharges

There are several University plans and policies addressing illicit discharge including the following: the Spill Prevention, Control, and Countermeasure Plan (SPCCP); the Oil Discharge Contingency Plan (ODCP); the Continuity of Operations Plan (COOP); the Heating Plant Emergency Action Plan; and the VSU Safety Manual. There are no enforcement actions or enforcement escalation procedures in place; however, due to the nature of the University, compliance is sought and achieved in a cooperative manner. Refer to Appendix A for each policy.

(2) Ensure the proper disposal of waste materials, including landscape wastes;

The University manages used oil, oil filters, paint and florescent light bulbs to ensure that their waste is disposed of in a responsible manner. The ODCP governs proper disposal of oil and oil filters, the Management of Paint and Paint Related Materials document provides guidance for the disposal of paint and, the Fluorescent Bulb Disposal Policy provides direction for the management of used fluorescent light bulbs. Refer to Appendix A for each policy.

The School of Engineering, Science, and Technology has developed and implemented a Chemical Hygiene Plan (CHP) that governs the disposal of any hazardous chemical waste generated in a laboratory in the Departments of Chemistry, Physics, or Biology.

The School of Agriculture has developed and implemented a Laboratory Safety Manual that governs the disposal of any hazardous chemical waste generated at the Agricultural Research Station.

In both cases, hazardous chemical waste is segregated by type and stored in approved designated locations until collected through a licensed facility. Materials that are non-hazardous can be disposed through sanitary sewer, which may require initial pH adjustment, or through the solid waste sanitation services. Refer to Appendix A for a copy of each plan.

Additional standard operating procedures to ensure disposal of landscape waste have been developed for implementation and are located in Appendix B.

(3) Prevent the discharge of municipal vehicle wash water into the MS4 without authorization under a separate VPDES permit;

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SWPPP: Applicable Employee Training

- TODAY'S TRAINING!
- Identifies training topics
- Identifies staff to receive training
- Schedule for training/certification



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Training Plan

As of June 30, 2014, the University has established the following training schedule and program for appropriate employees:

Facilities Management staff will be trained in accordance with the following schedule and training program, including the following elements required by the permit that are applicable to the University's MS4 area:

The University will provide biennial training to applicable field personnel in the recognition and reporting of illicit discharges.

The University will provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed during road, street, and parking lot maintenance.

The University will provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed in and around maintenance and public works facilities.

The University will ensure that employees and contractors who apply pesticides and herbicides are properly trained or certified in accordance with the Virginia Pesticide Control Act.

The University shall ensure that applicable employees obtain the appropriate certifications as required under the Virginia Erosion and Sediment Control Law and its attendant regulations.

The University will provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed in and around recreational facilities.

The appropriate emergency spill response employees will have training in emergency spill response.

The University will keep documentation on each training event including the training date, the number of employees attending the training, and the objective of the training for a period of 3 years after each training event.

SWPPP: Applicable Employee Training

Training Plan

As of June 30, 2014, the University has established the following training schedule and program for appropriate employees:

Facilities Management staff will be trained in accordance with the following schedule and training program, including the following elements required by the permit that are applicable to the University's MS4 area:

The University will provide biennial training to applicable field personnel in the recognition and reporting of illicit discharges.

The University will provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed during road, street, and parking lot maintenance.

The University will provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed in and around maintenance and public works facilities.

The University will ensure that employees and contractors who apply pesticides and herbicides are properly trained or certified in accordance with the Virginia Pesticide Control Act.

The University shall ensure that applicable employees obtain the appropriate certifications as required under the Virginia Erosion and Sediment Control Law and its attendant regulations.

The University will provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed in and around recreational facilities.

The appropriate emergency spill response employees will have training in emergency spill response.

The University will keep documentation on each training event including the training date, the number of employees attending the training, and the objective of the training for a period of 3 years after each training event.

QUIZ!

✓ Which image is showing correction Pollution Prevention measures?



Image Credit: <https://riveer.com/steel-wash-rack/>

A.



B.

QUIZ!

✓ Which image is showing correction Pollution Prevention measures?



Image Credit: <https://riveer.com/steel-wash-rack/>

A.



B.

QUIZ!

✓ Which image is showing correction Pollution Prevention measures?



A.



B.

QUIZ!

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A.



B.

QUIZ!

✓ Which image is showing correction Pollution Prevention measures?



A.



B.

QUIZ!

✓ Which image is showing correction Pollution Prevention measures?



A.



B.

Questions?

MS4 Programs are required to ensure that we are preventing pollutants from washing into our water bodies.

The goal is clean water for recreation, aquatic life, & drinking water!