

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

VPDES GENERAL PERMIT NO. VAR040094

ANNUAL REPORT FOR THE REPORTING PERIOD

JULY 1, 2023 - JUNE 30, 2024

THE UNIVERSITY OF MARY WASHINGTON

**University of
Mary Washington**

September 30, 2024

TABLE OF CONTENTS

1.0 SIGNED CERTIFICATION (PART IV K-2).....1

2.0 INTRODUCTION.....1

3.0 ANNUAL REPORTING REQUIREMENTS (PART I D.).....2

4.0 MINIMUM CONTROL MEASURES REPORTING (PART I E.).....4

4.1 Public education and outreach.....4

4.2 Public involvement and participation.....7

4.3 Illicit discharge detection and elimination.....10

4.4 Construction site stormwater runoff control.....12

4.5 Post-construction stormwater management for new development and
development on prior developed lands13

4.6 Pollution prevention and good housekeeping for facilities owned or operated by
the permittee within the MS4 service area.....16

5.0 PART II – TMDL SPECIAL CONDITIONS.....19

A. CHESAPEAKE BAY TMDL SPECIAL CONDITION.....19

B. LOCAL TMDL STATUS REPORT19

6.0 CONDITIONS APPLICABLE TO ALL STATE AND VPDES PERMITS.....20

6.1 c. Reporting Monitoring Results20

6.2 i. Reports of noncompliance.....21

6.3 k. Signatory requirements.....22

1.0 SIGNED CERTIFICATION (PART IV K-2):

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.



September 26, 2024

Responsible Official Signature

Date

Jeff McClurken

Chief of Staff/Clerk of BOV/Vice President of Strategy

VAR040094

Permit Number

University of Mary Washington

MS4 Name

2.0 INTRODUCTION

The University of Mary Washington (UMW) was originally issued an MS4 permit in 2003 by the Commonwealth of Virginia. This permit sets forth minimum requirements for the operation of UMW's storm sewer system, including storm water treatment systems, and is reissued every five years. The UMW's current permit number is VAR040094, and the current permit cycle duration is from November 1, 2018, to October 31, 2023. The permit mandates an annual report to be submitted to Virginia DEQ by October 1st during the permit cycle, detailing progress in meeting permit requirements from July 1st to June 30th of the previous year. This annual report encompasses UMW's progress in meeting the permit requirements for the period from July 1, 2023, to June 30, 2024.

3.0 ANNUAL REPORTING REQUIREMENTS (PART I D.)

In Part I section D of the MS4 general permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I D. Annual Reporting Requirements.

- 1. The permittee shall submit an annual report to the department no later than October 1 of each year in a method, (i.e., how the permittee must submit) and format (i.e., how the report shall be laid out) as specified by the department; the required content of the annual report is specified in Part I E and Part II B. The report shall cover the previous year from July 1 to June 30.*

Response: Acknowledged! UMW submits MS4 annual reports to DEQ no later than October 1 of each year in a method and format acceptable to DEQ and in accordance with the general permit requirements. This annual report specifically covers the period from July 1, 2023, to June 30, 2024.

- 2. Following notification from the department of the start date for the required electronic submission of annual reports, as provided for in 9VAC25-31-1020, such forms and reports submitted after that date shall be electronically submitted to the department in compliance with this section and 9VAC25-31-1020. There shall be at least a three-month notice provided between the notification from the department and the date after which such forms and reports must be submitted electronically.*

Response: We acknowledge the regulatory requirements as outlined in 9VAC25-31-1020, which mandates the electronic submission of annual reports following notification from the department. In compliance with this regulation, we understand that all forms and reports submitted after the department's specified start date must be submitted electronically. Additionally, UMW has already commenced electronic submission of all documents related to MS4, including annual reports.

- 3. The annual report shall include the following general information:*

a) *The permittee, system name, and permit number;*

Response: The permittee and system name: University of Mary Washington (UMW) and Permit number: VAR040094. This information is also noted on the cover page of the report.

b) *The reporting period for which the annual report is being submitted;*

Response: This annual report covers the period from July 1, 2023, to June 30, 2024. This information is also noted on the cover page of the report.

c) *A signed certification as per Part IV K;*

Response: The signed certification, as required by Part IV K, has been provided on Section 1 on page 1 above.

d) *Each annual reporting item as specified in an MCM in Part I E; and*

Response: Please refer to section 4 on page 4 below for each annual reporting item as specified in an MCM in Part I E.

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.*

Response: The MS4 program implementation, including a review of each MCM, was evaluated during this reporting period to determine the MS4 program's effectiveness. As a result, the MS4 program plan was revised and updated during this reporting period, effective July 1, 2024.

4. *For permittees receiving initial coverage under this general VPDES permit for the discharge of stormwater, the annual report shall include a status update on each component of the MS4 program plan being developed. Once the MS4 program plan has been updated to include*

implementation of a specific MCM in Part I E, the permittee shall follow the reporting requirements established in Part I D 3..

Response: UMW does not receive initial coverage under this general VPDES permit. In fact, UMW has held permit number VAR040094 since 2003. UMW's annual report adheres to the reporting requirements outlined in Part I D 3.

5. *For those permittees with requirements established under Part II B, the annual report shall include a status report on the implementation of the local TMDL action plans in accordance with Part II B including any revisions to the plan.*

Response: This annual report includes a status report on the implementation of the local TMDL action plan in accordance with Part II B of this permit. Please refer to Section 6.0 on page 18 of this annual report for the local TMDL action plan status report.

6. *For the purposes of this permit, the MS4 program plan, annual reports, the Chesapeake Bay TMDL action plan, and Chesapeake Bay TMDL implementation annual status reports shall be maintained as separate documents and submitted to the department as required by this permit as separate documents.*

Response: Understood! The MS4 program plan, annual reports, Chesapeake Bay TMDL action plan, and Chesapeake Bay TMDL implementation annual status reports are maintained and submitted to the department as separate documents.

4.0 MINIMUM CONTROL MEASURES REPORTING (PART I E.)

4.1 - Public Education and Outreach

In Part I section E-1-g of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I section E-1-g: The annual report shall include the following information:

1. *A list of the high-priority stormwater issues the permittee addressed in the public education and outreach program;*

Response: The high-priority stormwater issues identified and addressed during this reporting period by UMW are:

- **Proper Collection and Disposal of Pet Waste**
- **Human Generated Litter**
- **Stormwater reuse strategies which incorporate Virginia Plant Materials**

2. *A summary of the public education and outreach activities conducted for the report year, including the strategies used to communicate the identified high-priority issues;*

Response: The permit requires two or more of the following strategies per year to communicate to the target audience the high-priority stormwater issues identified above: traditional written materials, alternative materials, signage, media materials, speaking engagements, curriculum materials, training materials, public education activities, and public meetings.

Below is a summary of the public education and outreach activities conducted for this report year including the strategies used to communicate the above identified high-priority issues at UMW.

High-Priority Stormwater Issue	Public Education and Outreach Activities	Strategies Used	Target Audience	% of Target Audience Reached	Documentation
Proper Collection and Disposal of Pet Waste	Permanent Signage	Signage	Pet Owners	100% of students, faculty, and staff and surrounding communities	UMW maintains four Pet Waste Stations on Campus and routinely monitors / refreshes supplies

Human Generated Litter	Campus Sustainability Activities including waste collection events	Curriculum materials and Media Materials such as radio	Students, faculty, and staff	100% of students, faculty, and staff	<ul style="list-style-type: none"> • Rappahannock River “Big Fall Cleanup” Service Day (FOR) 10/13/23 • UMW-COAR <i>Pay it Forward</i> Day 10/21/23 • <i>Wild & Scenic</i> Litter Clean Up (students w/ City) 3/9/23 • UMW Earth Day Event 4/22/24 • COAR/NEST Campus Cleanup 8/16/23, • COAR <i>Into the Streets</i> 9/23/23 • Wild & Scenic Film Festival 3/16/24
Stormwater reuse strategies which incorporate Virginia Native Plant Materials	Native planting events	Speaking engagements, posters, and training materials	Students, faculty, and staff	100% of students, faculty, and staff	<ul style="list-style-type: none"> • UMW Tree Festival 10/19/23 • Arbor Day Planting, (3 American basswood @ CRUC), April 19, 2024

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; and*

Response: There have been no changes in high-priority stormwater issues, strategies, or target audience as the above-mentioned issues have most directly impacted stormwater quality at the University and have been effectively addressed by actions of UMW’s students, faculty, and staff. The MCM is effective in ensuring regulatory compliance. Also, no changes are planned currently.

4. *A description of public education and outreach activities conducted that included education regarding climate change.*

Response: Native plantings and sustainability activities have a direct impact on climate change and include education on climate change through training and curriculum materials. Native plants require less water and maintenance which have an impact on climate change. The MCM is effective in ensuring regulatory compliance. No changes are planned at this time.

4.2 Public Involvement and Participation

In Part I section E-2-i. of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I section E-2-i. The annual report shall include the following information:

1. A summary of any public comments on the MS4 program received and how the permittee responded;

Response: No public comments were received during this reporting period.

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;

Response: No stormwater pollution complaints, including illicit discharges, improper disposal, or spills to the MS4, complaints regarding land disturbance activities or other potential stormwater pollution concerns, were received during this reporting period.

3. A webpage address to the permittee's MS4 program and stormwater website;

Response: Effective MS4 permit and coverage letter, annual reports, current MS4 program plan, Chesapeake Bay TMDL action plan, local TMDL action plan, Chesapeake Bay TMDL implementation annual status reports, a mechanism for the public to report illicit discharge, improper disposal, a method for how the public can provide comments on MS4 program plan, and other MS4 and stormwater documents are posted to the following link:

[Storm Water Management / MS4 Program - Facilities Services \(umw.edu\)](#)

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;*

Response: This requirement is not applicable to UMW because it is a public university. The MS4 program and stormwater pollution prevention webpage are publicly accessible and do not require an internal staff-accessible website for security reasons.

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;*

Response: The permit requires UMW to implement no less than four activities per year from two or more of the following opportunities listed in Table 2 of permit: monitoring, restoration, public educational activities, public meetings, disposal or collection events, and pollution prevention. The University conducted the following public involvement activities during this reporting period.

Public Involvement Activities Names	Public Involvement Activities Description	Opportunity Used (from table 2)	Target Audience	% of Target Audience Reached	Documentation and Metrics
Earth Week	Encourages students, faculty, and staff to engage in sustainable practices and participate in environmentally friendly activities.	Public education activities, Restoration	Students, faculty, staff, and open to community	50	University newspaper article, social media posts; The Weekly Ringer
Educational Events	Partnerships with Eco-movie screenings,	Public education activities	Students, campus,	50	Campus comms (digital message boards, social

	invasive species removal, and tree plantings		and community		media), student club involvement
Hazardous Waste Pickup, chemical collection, vehicle fluid collection	N/A	Disposal or Collection events	Staff and reporting agencies	100	Record keeping
Community Cleanups	Watershed Clean-ups, invasive species removal events, tree plantings, volunteer litter pick-ups	Restoration	Students, campus community	40	Campus comms (digital message boards, social media), student club involvement

Refer to the following UMW’s MS4 webpage for more information on the public involvement activities:

<https://adminfinance.umw.edu/facilities/storm-water-management-ms4-program/public-involvement-opportunities/>

6. *A description of public education and outreach activities conducted that also included education regarding climate change;*

Response: Native plantings and sustainability activities in public education and outreach have a direct impact on climate change and include education on climate change through training and curriculum materials. Native plants require less water and maintenance which have less impacts on climate change.

7. *A report of the metric as defined for each activity and an evaluation as to whether or not the activity is beneficial to improving water quality; and*

Response: The metric for activities is the number of participants compared to the total university community. It is estimated that knowledge of these activities has reached almost 100% of the university community with participation varying depending on time of the

year. There is no documented statistical evidence that these activities have improved water quality, however many of these activities include, river and community clean ups to pick up litter on campus and neighboring streams which helps highlight the connection between human waste and the health of natural waterways. Also, refer to the table above for metrics for each activity. The above-mentioned activities have been beneficial to improving water quality.

8. The name of other MS4 permittees with whom the permittee collaborated in the public involvement opportunities.

Response: No other MS4 permittees were involved in the listed public involvement opportunities.

The MCM is effective in ensuring regulatory compliance. No changes are planned at this time.

4.3 Illicit discharge detection and elimination

In Part I section E-3-e. of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I section E-3-e. The annual report shall include:

1. A confirmation statement that the MS4 map and information table have been updated to reflect any changes to the MS4 occurring on or before June 30 of the reporting year;

Response: The MS4 maps and information tables were updated in April 2022 based on the locations of recent construction and newly acquired properties. No Best Management Practices, stormwater management facilities, or outfalls have been installed on campus that would require updates to the MS4 maps and information tables. The university plans to update these during the next reporting period. A link to MS4 maps and information tables can be found here:

<https://adminfinance.umw.edu/facilities/storm-water-management-ms4-program/umw-ms4-maps/>

2. *The total number of outfalls and observation points screened during the reporting period as part of the dry weather screening program; and*

Response: During this reporting period, UMW’s consultant, TRC Engineers, Inc., screened all of the University’s outfalls and observation points. There are a total of 55 outfalls in all three campuses.

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 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.*

Response: During dry weather screening on 5/17/2024, orange colored water was observed on outfall # PD-40.

The location and source of illicit discharge;	Fredericksburg Campus, outfall # PD-40 Source was not identified during the inspection
The dates that the discharge was observed, reported, or both	5/17/2024, observed
Whether the discharge was discovered by the permittee during dry weather screening, reported by the public, or other method (describe);	The illicit discharge was discovered during dry weather screening by TRC Engineers, Inc. (UMW’s consultant) inspectors, Mario Marroquin and Piero Tosi
How the investigation was resolved	No investigation was taken during this reporting period. However, UMW will investigate and observe this discharge in the next few months and will be resolved during the next reporting period.

A description of any follow-up activities	UMW maintenance staff is observing this discharge for several months and if the discharge continues to exist, UMW will create an action plan to fix it.
The date the investigation was closed	The investigation was not closed during this reporting period. The investigation is in progress.

MCM Evaluation: The MCM is effective in ensuring regulatory compliance. No changes are planned at this time.

4.4 Construction Site Stormwater Runoff and Erosion & Sediment Control

In Part I section E-4-e of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I Section E-4-e. The annual report shall include the following:

1. *Total number of erosion and sediment control inspections conducted;*

Response: Inspections of erosion and sediment control measures and stormwater management facilities (SMFs) during construction are conducted at least every two weeks, within 48 hours of a significant rainfall event, and at the completion of the project, in accordance with UMW’s most recent approved Standards and Specifications. During this reporting period, UMW’s ESC Inspector conducted 15 inspections.

2. *Total number of each type of compliance action and enforcement action implemented; and*

Response: As the university is the contract holder for all of the land disturbance activities on campus and the ESC inspector represents the university, any deficiencies in ESC measures or practices are resolved immediately. There were no enforcement actions taken during the reporting period.

3. *For nontraditional permittees:*

- a. *A confirmation statement that land disturbing projects that occurred during the reporting period have been conducted in accordance with the current department approved annual standards and specifications for erosion and sediment control; and*

Response: All land disturbing projects that occurred during this reporting period have been conducted in accordance with the University's current department approved Annual Standards and Specifications for erosion and sediment control.

- 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.*

Response: Not applicable, see response above.

MCM Evaluation: The MCM has been effective in providing compliance with the regulatory requirements.

4.5 Post-construction stormwater management for new development and development on prior developed lands

In Part I section E-5-e of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I section E-5-e. The annual report shall include the following information:

1. *If the traditional permittee implements a VSMP in accordance with Part I E 5 a (1), (2), or (3):*
 - a. *The number of privately owned stormwater management facility inspections conducted; and*
 - 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;*

Response: UMW is a public institution of higher education and a nontraditional permittee. The university has developed standards and specifications in accordance with Virginia Erosion and Sediment Control and Stormwater Management Laws and Regulations. Part I E 5 a (3) is applicable to UMW. As a public institution, there are no privately owned stormwater management facilities (SMFs) within UMW MS4 service area to inspect, report, and enforce actions. All SMFs are owned, operated, and maintained by UMW's Department of Facilities Services.

2. Total number of inspections conducted on stormwater management facilities owned or operated by the permittee;

Response: All stormwater management facilities owned and operated by UMW were inspected during the reporting period in accordance with the University's S&S, Stormwater Operation and Maintenance Manual, and inspection checklists. There are a total of 42 stormwater management facilities and BMPs across the three campuses. UMW will prepare a prioritized plan to address the deficiencies identified during this reporting period in the next year's period.

3. A description of the significant maintenance, repair, or retrofit activities performed on the stormwater management 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;

Response: During this reporting period, there were no significant maintenance, repair, or retrofit activities performed on the stormwater management facilities owned or operated by UMW. Routine activities, such as grass mowing and trash collection, were conducted as needed to maintain the facilities, but no major interventions were necessary to ensure their continued performance as designed.

4. For traditional permittees as specified in Part I E 5 a (1), a confirmation statement that the permittee submitted stormwater management facility information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for

which the permittee was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part III B 1 or a statement that the permittee did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities (9VAC25-880);

Response: As stated above under question 1, UMW is a public institution of higher education and a nontraditional permittee. UMW has submitted all SWM facilities information to DEQ for those projects that required VPDES Permit. Therefore, this question is not applicable to UMW.

5. A confirmation statement that the permittee electronically reported stormwater management facilities using the DEQ BMP Warehouse in accordance with Part III B 1 and 2; and

Response: No new SMFs were installed during this reporting period to report using the DEQ BMP Warehouse, and all previously installed SMFs/BMPs have already been reported.

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

Response: This is not applicable to UMW because UMW is not a traditional permittee. Part III B 5 is for traditional permittees to use DEQ Construction Stormwater Database to report each SMF installed after July 1, 2014.

MCM Evaluation: The MCM is effective in ensuring regulatory compliance. No changes are planned at this time.

4.6 Pollution prevention and good housekeeping for facilities owned or operated by the permittee within the MS4 service area.

In Part I section E-6-y of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part I section E-6-y. The annual report shall include the following:

- 1. A summary of any written procedures developed or modified in accordance with Part I E 6 a and b during the reporting period;*

Response: No written operational and good housekeeping procedures developed or modified during this reporting period.

- 2. A confirmation statement that all high-priority facilities were reviewed to determine if SWPPP coverage is needed during the reporting period;*

Response: All facilities at UMW were reviewed during this reporting period to determine if SWPPP coverage is needed. There is only one high-priority facility, which is the Physical Plant. This facility was reviewed during the reporting period to determine if a site specific SWPPP coverage is needed and if its current SWPPP needs to be updated. From the review, it was confirmed that SWPPP coverage is required and needs to be updated. The SWPPP for the facility was updated in June 2024.

- 3. A list of any new SWPPPs developed in accordance Part I E 6 i during the reporting period;*

Response: There has been no new SWPPP's developed during the reporting period.

- 4. A summary of any SWPPPs modified in accordance with Part I E 6 j, 6 l, or 6 m;*

Response: As stated above in response to question 2, SWPPP for physical plant was modified during this reporting period.

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

Response: No high-priority facilities was delisted during the reporting period.

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);*

Response: There were no new nutrient management plans (NMP) required to be developed during the reporting period. Current approved NMP will expire on 10/1/2024. UMW is in the process of updating NMPs. This will be reported in the next reporting period.

7. *A list of the training activities conducted in accordance with Part I E 6 d, 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.*

Response: Below is a summary of training activities with required information:

Training Event	Completion Date	Number of Employees	Training objectives and good housekeeping procedures
Pollution Prevention and Good Housekeeping	July 15 – 19, 2024	All 53 Facilities Services Personnel	UMW conducted an in-house training to its employees in July 2024 to: <ul style="list-style-type: none"> •prevention, recognition, and elimination of illicit discharges •stress the importance of being AWARE of and ALERT to conditions that could result in the discharge of pollutants in storm water.

			<ul style="list-style-type: none"> • prevent pollution and maintain good housekeeping. • Good housekeeping and SWPPP procedures • provide an immediate response to spills. • be aware of the requirement of the University of Mary Washington’s MS4 permit; and • be good public stewards.
Trees Virginia Municipal Tree Care Workshop	Feb 7-28, 2024	Landscape & Grounds Staff	Tree care and proper planting/mulching. Addressing drainage, tree care, conservation landscaping and resulting watershed health.
VDEQ Stormwater Management workshop	May 20, 2024	Holly Chichester-Morby, Dir. Landscape & Grounds	“Stormwater Management Handbook Overview and How to Use It.” Updates to new handbook and clarifications.
VDEQ VRRM workshop	June 6, 2024	Holly Chichester-Morby, Dir. Landscape & Grounds	Virginia Runoff Reduction Method 4.1 Basics class
VDEQ ESC Perquisites (online)	May 22, 2024	Stacey Purinton, PM Capital Outlay	Perquisite for Virginia ESC Program Administrator
VDEQ SWM Perquisites	May 22, 2024	Stacey Purinton, PM Capital Outlay	Perquisite for Virginia SWM Program Administrator
VA Stormwater Management Handbook (4hrs Online)	May 7, 2024	<p>Gary Hobson, Director, Capital Outlay</p> <p>Tanasha Whittaker, Dual Inspector, ESC & SWM</p> <p>Holly Chichester-Morby, Director of Landscape and Grounds</p> <p>Stacey Purinton, PM Capital Outlay</p>	Virginia Stormwater Management Handbook Overview and how to use it

MCM Evaluation: The MCM is effective in ensuring regulatory compliance. No changes are planned at this time.

5.0 PART II – TMDL SPECIAL CONDITIONS

A. CHESAPEAKE BAY TMDL SPECIAL CONDITION

As per Part I D 6., Chesapeake Bay TMDL Implementation Annual Status Report *is maintained as a separate document from this Annual Report and is submitted to the department as a separate document.*

B. LOCAL TMDL SPECIAL CONDITION

In Part II section B 11. of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part II section B 7 c.

c. As part of its annual reporting requirements, the permittee shall submit results of any action plan PCB monitoring or product testing conducted and any adaptive management strategies that have been incorporated into the updated action plan based upon monitoring or product testing results if the permittee has elected to perform monitoring or product testing or both.

Response: No monitoring or product testing was conducted during this reporting period. Therefore, no results or adaptive management strategies have been incorporated into the local TMDL action plan.

Part II section B 11.

11. For each reporting period, each annual report shall include a summary of actions conducted to implement each local TMDL action plan.

Bacteria, PCB, and Chloride TMDLs for the Tidal Freshwater Rappahannock River Watershed

The university is continuing its existing efforts as documented in the local TMDL Action Plan, which include maintaining four pet waste facilities on the Fredericksburg campus and

a full staff of grounds and maintenance personnel who are trained in good housekeeping practices.

Although UMW does not own, operate, or maintain a sanitary sewer system or wastewater treatment plant, damage to the collection system outside of UMW's MS4 could potentially increase or affect bacteria levels entering the UMW MS4.

Urban runoff (from pet waste and facilities) and urban wildlife are the only likely sources of bacteria applicable to UMW campuses. However, as stated above, damage to the sanitary sewer or collection system outside UMW's MS4 may increase bacterial levels at the MS4.

Discharge monitoring is not required for compliance purposes, and no monitoring is currently being conducted as part of TMDL compliance.

6.0 PART IV - CONDITIONS APPLICABLE TO ALL STATE AND VPDES PERMITS

6.1 C. Reporting Monitoring Results

In Part IV section C. 1. of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part IV C.1.

1. The operator shall submit the results of the monitoring as may be performed in accordance with this state permit with the annual report unless another reporting schedule is specified elsewhere in this state permit.

Response: N/A, no monitoring took place during the reporting period.

6.2 I. Reports of noncompliance

In Part IV section I. of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part IV section I. 1.

1. The operator shall report any noncompliance that may adversely affect surface waters or may endanger public health.

Response: N/A, there was no noncompliance during this reporting period that may adversely affect surface waters or may endanger public health.

2. The operator shall report all instances of noncompliance not reported under Part IV I 1 b, in writing, as part of the annual reports that are submitted. The reports shall contain the information listed in Part IV I 2.

Response: There were no instances of noncompliance to report during this reporting period. In addition, UMW is in the process of implementing additional staff training to improve compliance of Part I E 6. See Section 4 starting on page 4 of this Report.

3. The immediate (within 24 hours) reports required in Part IV G, H, and I shall be made to the department. Reports may be made by telephone, email, or online at <https://www.deq.virginia.gov/our-programs/pollution-response/pollution-data-and-reporting>. For reports outside normal working hours, the online portal shall be used. For emergencies, call the Virginia Department of Emergency Management's Emergency Operations Center (24-hours) at 1-800-468-8892.

Response: Acknowledged!

4. Where the operator becomes aware of a failure to submit any relevant facts, or submittal of incorrect information in any report, including a registrations statement, to the department, the operator shall promptly submit such facts or correct information.

Response: Acknowledged!

6.3 K. Signatory requirements

In Part IV section K. 2. of the MS4 permit, the permit lists specific items to be addressed in the Annual Report. The following are the items listed in the permit in italic typeface followed by responses in bold typeface:

Part IV K. 2.

2. Reports and other information. All reports required by state permits, including annual reports, and other information requested by the department shall be signed by a person described in Part IV K 1, or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- a) The authorization is made in writing by a person described in Part IV K 1;*
- b) 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*
- c) The signed and dated written authorization is submitted to the department.*

Response: This annual report has been signed by UMW's Chief of Staff, Mr. Jeff McClurken. See Section 1 on page 1 of this report.