



Lynchburg, Virginia

Municipal Separate Storm Sewer System Annual Report

For

General Permit No. VAR040095

Permit Year

July 1, 2018 through June 30, 2019

This annual report is submitted in accordance with 9VAC25-890-40 as part of the requirement for permit coverage to discharge stormwater to surface waters of the Commonwealth of Virginia consistent with the VAR04 General Permit effective per letter dated November 1, 2018.

Submitted: September 30, 2019

TABLE OF CONTENTS

1.0 GENERAL ANNUAL REPORTING REQUIREMENTS.....	1
1.1. General Information (Part I.D.2.a)	1
1.2. Reporting Period (Part I.D.2.b)	1
1.3. Signed Certification (Part I.D.2.c)	1
1.4. Reporting for MCMs #1 - #6 (Part I.D.2.d)	1
1.5. Evaluation of the MS4 Program Implementation (Part I.D.2.e)	2
2.0 MINIMUM CONTROL MEASURES	3
2.1. MCM #1: Public Education and Outreach	3
2.1.1. High Priority Stormwater Issues (Part I.E.1.g(1))	3
2.1.2. High Priority Stormwater Issue Communication Strategies (Part I.E. 1.g(2))	3
2.1.3. MCM #1 Evaluation (Part I.D.2.e)	3
2.2. MCM #2: Public Involvement and Participation	4
2.2.1. Public Input Summary (Part I.E.2.f(1))	4
2.2.2. MS4 Program Webpage (Part I.E.2.f(2)).....	4
2.2.3. Public Involvement Activities Implemented (Part I.E.2.f(3))	5
2.2.4. Public Involvement Activity Metric and Evaluation (Part I.E.2.f(4))	5
2.2.5. MS4 Collaboration (Part I.E.2.f(5)).....	5
2.2.6. MS4 Program Plan BMP Measurable Goals	6
2.2.7. MCM #2 Evaluation (Part I.D.2.e)	6
2.3. MCM #3: Illicit Discharge Detection and Elimination.....	7
2.3.1. MS4 Map and Information Table (Part I.E.3.e(1)).....	7
2.3.2. Dry Weather Screening (Part I.E.3.e(2))	7
2.3.3. Illicit Discharges (Part I.E.3.e(3)).....	7
2.3.4. MS4 Program Plan BMP Measurable Goals	8
2.3.5. MCM #3 Evaluation (Part I.D.2.e)	8
2.4. MCM #4: Construction Site Stormwater Runoff Control.....	9
2.4.1. Implementation of Standards and Specifications (Part I.E.4.a(3))	9
2.4.1.1. Conforming Land Disturbance Projects (Part I.E.4.d(1)(a)).....	9
2.4.1.2. Non-Conforming Land Disturbance Projects (Part I.E.4.d(1)(b))	9
2.4.2. Site Stormwater Runoff Inspections (Part I.E.4.d(2))	9
2.4.3. Enforcement Actions (Part I.E.4.d(3)).....	10
2.4.4. MCM #4 Evaluation (Part I.D.2.e)	10
2.5. MCM #5: Post-Construction Stormwater Management.....	11
2.5.1. Implementation of Standards and Specifications (Part I.E.5.a(3))	11
2.5.2. Stormwater Management Facility Inspections (Part I.E.5.i(2)).....	11
2.5.3. Stormwater Management Facility Maintenance (Part I.E.5.i(3))	11
2.5.4. Virginia Construction Stormwater General Permit Database (Part I.E.5.i(4))	12
2.5.5. DEQ BMP Warehouse (Part I.E.5.i(5)).....	12

2.5.6. MS4 Program Plan BMP Measurable Goals	13
2.5.7. MCM #5 Evaluation (Part I.D.2.e)	13
2.6. MCM #6: Pollution Prevention and Good Housekeeping	14
2.6.1. Operational Procedures (Part I.E.6.q(1))	14
2.6.2. Newly Developed SWPPPs (Part I.E.6.q(2)).....	14
2.6.3. Modified or Delisted SWPPPs (Part I.E.6.q(3))	15
2.6.4. Newly Developed Nutrient Management Plans (Part I.E.6.q(4)).....	15
2.6.4.1. Nutrient Management Plan Acreage (Part I.E.6.q(4)(a)).....	15
2.6.4.2. Nutrient Management Plan Approval Date (Part I.E.6.q(4)(b))	15
2.6.5. Training Events (Part I.E.6.q(5))	16
2.6.5.1. Training Dates (Part I.E.6.q(5)(a)).....	16
2.6.5.2. Quantity Trained (Part I.E.6.q(5)(b)).....	16
2.6.5.3. Training Objective (Part I.E.6.q(5)(c))	16
2.6.6. MS4 Program Plan BMP Measurable Goals	17
2.6.7. MCM #6 Evaluation (Part I.D.2.e)	18
3.0 TMDL SPECIAL CONDITIONS.....	19
3.1. Chesapeake Bay TMDL Action Plan	19
3.1.1. BMPs Implemented and Estimated POC Reductions (Part II.A.13.a)	19
3.1.2. Nutrient Credits (Part II.A.13.b).....	19
3.1.3. POC Cumulative Reduction Progress (Part II.A.13.c)	20
3.1.4. Next Reporting Period Planned BMPs (Part II.A.13.d).....	21
3.1.5. Chesapeake Bay TMDL Action Plan Measurable Goals	21
3.1.6. Chesapeake Bay TMDL Action Plan Implementation Evaluation (Part I.D.2.e).....	21
3.2. Local TMDL Action Plan	22
3.2.1. James River-Lynchburg Bacteria TMDL Implementation (Part II.B.9)	22

APPENDICES

Appendix A: Documentation of Public Education and Outreach Activities

Appendix B: Documentation of Public Involvement Activities

TABLES

Table 1: Summary of MS4 Program Plan Changes**Error! Bookmark not defined.**

Table 2: High Priority Stormwater Issues.....**Error! Bookmark not defined.**

Table 3: Public Input or Complaints and Responses**Error! Bookmark not defined.**

Table 4: Public Involvement Activities Implemented**Error! Bookmark not defined.**

Table 5: MS4 Program Plan BMP Measurable Goals for MCM #2**Error! Bookmark not defined.**

Table 6: Illicit Discharges**Error! Bookmark not defined.**

Table 7: MS4 Program Plan BMP Measurable Goals for MCM #3**Error! Bookmark not defined.**

Table 8: Project(s) Not in Conformance with Approved Standards and Specifications..... **Error! Bookmark not defined.**

Table 9: Maintenance Activities Performed on Stormwater Management Facilities **Error! Bookmark not defined.**

Table 10: MS4 Program Plan BMP Measurable Goals for MCM #5**Error! Bookmark not defined.**

Table 11: Good Housekeeping Operational Procedures Developed or Modified **Error! Bookmark not defined.**

Table 12: New SWPPPs Developed**Error! Bookmark not defined.**

Table 13: SWPPPs Modified or Delisted.....**Error! Bookmark not defined.**

Table 14: New Turf and Landscape Nutrient Management Plans **Error! Bookmark not defined.**

Table 15: Training Events.....**Error! Bookmark not defined.**

Table 16: MS4 Program Plan BMP Measurable Goals for MCM #6**Error! Bookmark not defined.**

Table 17: 2018-2019 Chesapeake Bay TMDL Action Plan POC Reductions**Error! Bookmark not defined.**

Table 18: 2019 – 2023 Chesapeake Bay TMDL Action Plan Implementation Schedule **Error! Bookmark not defined.**

Table 19: Chesapeake Bay TMDL Action Plan BMPs Planned for 2019-2020**Error! Bookmark not defined.**

Table 20: Chesapeake Bay TMDL Action Plan Measurable Goals**Error! Bookmark not defined.**

ACRONYMS

BMP	Best Management Practices
DEQ	Virginia Department of Environmental Quality
MCM	Minimum Control Measure

MS4	Municipal Separate Storm Sewer System
POC	Pollutants of Concern
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
VCCS	Virginia Community College System
VPDES	Virginia Pollution Discharge Elimination System
WLA	Wasteload Allocation

1.0 GENERAL ANNUAL REPORTING REQUIREMENTS

1.1. General Information (Part I.D.2.a)

Permittee Name: Central Virginia Community College

System Name: Virginia Community College System

Permit Number: VAR040118

1.2. Reporting Period (Part I.D.2.b)

The reporting period for which the annual report is being submitted:

July 1, 2018 through June 30, 2019

1.3. Signed Certification (Part I.D.2.c)

A signed certification as per Part III K:

"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 ensure 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."

Printed Name: Lewis Bryant

Title: Vice President of Financial and Administrative Services

Signature: _____ Date: _____

1.4. Reporting for MCMs #1 - #6 (Part I.D.2.d)

Include information for each annual reporting item specified in Part I.E:

Reporting information for each Minimum Control Measure is provided in Section 2.0.

1.5. Evaluation of the MS4 Program Implementation (Part I.D.2.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:

An evaluation for each Minimum Control Measure is provided in Section 2.0. Changes that are necessary to be made to the MS4 Program Plan are summarized in Table 1.

Table 1: Summary of MS4 Program Plan Changes

--

2.0 MINIMUM CONTROL MEASURES

2.1. MCM #1: Public Education and Outreach

2.1.1. High Priority Stormwater Issues (Part I.E.1.g(1))

A list of high-priority stormwater issues addressed in the public education and outreach program:

A list of high-priority stormwater issues addressed in public education and outreach program is provided in Table 2.

2.1.2. High Priority Stormwater Issue Communication Strategies (Part I.E. 1.g(2))

A list of strategies used to communicate each high-priority stormwater issue:

A list of strategies used to communicate each high-priority stormwater issue is provided in Table 2. Appendix A includes documentation of the communication efforts in Table 2.

Table 2: High Priority Stormwater Issues

#	Stormwater Issue	Strategy	Communication	Completion Status
1	Education of CVCC's Stormwater Program	Traditional written materials	Printed brochures placed in frequented areas by students, faculty and staff	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	Education on TMDLs and Local Impaired Waters	Speaking engagement	TMDL Presentation offered to all students, faculty and staff	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Education on Pollution Prevention from Student Activities	Media materials	Parking lot pollutant flyer sent to all students, faculty and staff	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.1.3. MCM #1 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #1 communications accomplished to the intended public audience indicated in the MS4 Program Plan? Yes (Effective) No (Ineffective)

If any communications were determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.2. MCM #2: Public Involvement and Participation

2.2.1. Public Input Summary (Part I.E.2.f(1))

A summary of any public input on the MS4 program received (including stormwater complaints) and responses:

Were any MS4 Program inputs or stormwater complaints received from the public?

Yes Not Applicable (No inputs/complaints received)

If yes, were responses provided? Yes (Refer to Table 3) No Not Applicable (No responses provided because the Public Education and Outreach Survey was anonymous and CVCC did not have contact information to respond to. No other inputs/complaints were received.)

Table 3: Public Input or Complaints and Responses

Public Input or Complaints and Responses	
Input/Complaint	:
Response:	

2.2.2. MS4 Program Webpage (Part I.E.2.f(2))

A webpage address to the MS4 program and stormwater website:

The webpage address is <https://www.centralvirginia.edu/Facilities-Management>

2.2.3. Public Involvement Activities Implemented (Part I.E.2.f(3))

A description of the public involvement activities implemented:

A description of the implemented public involvement activities is provided in Table 4.

2.2.4. Public Involvement Activity Metric and Evaluation (Part I.E.2.f(4))

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:

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 is provided in Table 4. Appendix B includes documentation of the public involvement activities.

Table 4: Public Involvement Activities Implemented

Activity Description	Metric	Collaboration	Beneficial
Booth at Graduation (05/2/19)	100-200	No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Booth at Student Appreciation Picnic (05/03/19)	300-400	No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Booth at Welcome Back Picnic (8/24/18)	300-400	No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VCCS Administrative Services Conferences MS4 Presentations (10/30/2018 & 06/05/2018)	2	No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.2.5. MS4 Collaboration (Part I.E.2.f(5))

The name of other MS4 permittees collaborated with in the public involvement opportunities:

If applicable, the name of other MS4 permittees collaborated with for any of the public involvement opportunities are provided in Table 4.

2.2.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 5.

Table 5: MS4 Program Plan BMP Measurable Goals for MCM #2

BMP	Measurable Goal	Completeness Status
2.1	Was documentation of the public input or complaints on the MS4 program and MS4 Program Plan maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
2.1	Is the effective MS4 permit and coverage letter on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is the most current MS4 Program Plan on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is the annual report for each year of the term covered by this permit no later than 30 days after submittal to the department on the webpage?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
2.1	Is there a mechanism for the public to report potential illicit discharges, improper disposal or spills to the MS4, complaints regarding land disturbing activities or other potential stormwater pollution concerns on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is there a method for how the public can provide input of the MS4 Program Plan on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is the latest Virginia Community College System Annual Standards and Specifications on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.2.7. MCM #2 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #2 responses Yes or Not Applicable?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.3. MCM #3: Illicit Discharge Detection and Elimination

2.3.1. MS4 Map and Information Table (Part I.E.3.e(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:

Were the MS4 storm sewer map and outfall information table updated to reflect any changes to the MS4 occurring on or before June 30 of the reporting year? Yes No

2.3.2. Dry Weather Screening (Part I.E.3.e(2))

The total number of outfalls screened during the reporting period as part of the dry weather screening program:

Were outfalls screened during the reporting period? Yes No

The number of outfalls screened during the reporting yard as part of the dry weather screening program is 16. This represents 100% of the total outfalls.

2.3.3. Illicit Discharges (Part I.E.3.e(3))

A list of illicit discharges to the MS4 including spills reaching the MS4:

Were there any illicit discharges to the MS4 including spills reaching the MS4?

Yes (Refer to Table 6) Not Applicable (No illicit discharges)

Table 6: Illicit Discharges

Illicit Discharges
Illicit Discharge
Part I.E.3.e(3)(a) Source:
Part I.E.3.e(3)(b) Date Observed & Date Reported:
Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe):
Part I.E.3.e(3)(d) Investigation Resolution:
Part I.E.3.e(3)(e) Description of Follow-up Activities:
Part I.E.3.e(3)(f) Date Investigation Closed:

2.3.4. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 7.

Table 7: MS4 Program Plan BMP Measurable Goals for MCM #3

BMP	Measurable Goal	Completeness Status
3.1	Was a GIS compatible shapefile submitted to DEQ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.1	Was written notification provided to any downstream adjacent MS4 of any known interconnection established or discovered during the permit reporting year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No new or discovered) <input type="checkbox"/> No
3.2	Did all students, faculty and staff have access to the Standards of Conduct for Employees and the Student Handbook for Students?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.3	Were illicit discharge detection and elimination procedures implemented, enforced and documentation maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.3.5. MCM #3 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #3 responses Yes or Not Applicable?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.4. MCM #4: Construction Site Stormwater Runoff Control

2.4.1. Implementation of Standards and Specifications (Part I.E.4.a(3))

The MS4 implements a construction site stormwater runoff program in accordance with the most recent DEQ approved Standards and Specifications in compliance with the Virginia Erosion and Sediment Control Law and Virginia Erosion and Sediment Control Regulations.

2.4.1.1. Conforming Land Disturbance Projects (Part I.E.4.d(1)(a))

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:

Were all land disturbing projects that occurred during the reporting period conducted in accordance with the current department approved standards and specifications for erosion and sediment control?

Yes No (Refer to Table 8) Not Applicable (No land disturbing projects)

2.4.1.2. Non-Conforming Land Disturbance Projects (Part I.E.4.d(1)(b))

If one or more of the land disturbing projects were not conducted with the department standards and specifications, an explanation as to why the projects did not conform to the approved standards and specifications:

An explanation as to why a project did not conform to the approved standards and specifications are provided in Table 8.

Table 8: Project(s) Not in Conformance with Approved Standards and Specifications

Project(s) Not in Conformance with Approved Standards and Specifications
Project Name:
Explanation:

2.4.2. Site Stormwater Runoff Inspections (Part I.E.4.d(2))

Total number of inspections conducted:

The total number of site stormwater runoff inspections conducted for regulated land disturbance activities in accordance with the most recent DEQ approved Standards and Specifications is 0. No regulated land disturbance activities.

2.4.3. Enforcement Actions (Part I.E.4.d(3))

The total number and type of enforcement actions implemented:

The total number of enforcement actions implemented is 0. (No land disturbances).

The total number of Notices to Comply (Red flags) issued is 0. (No land disturbances).

The total number of Stop Work Orders (Black flags) issued is 0. (No land disturbances).

2.4.4. MCM #4 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Was the response to whether all land disturbing projects that occurred during the reporting period conducted in accordance with the current department approved standards and specifications for erosion and sediment control Yes?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.5. MCM #5: Post-Construction Stormwater Management

2.5.1. Implementation of Standards and Specifications (Part I.E.5.a(3))

The MS4 implements the most recent DEQ approved standards and specifications and a stormwater management facility inspection and maintenance program in accordance with Part I.E.5.b.

2.5.2. Stormwater Management Facility Inspections (Part I.E.5.i(2))

Total number of inspections conducted on stormwater management facilities owned or operated by the permittee:

Were inspections conducted on stormwater management facilities during the reporting year? Yes No

The total number of inspections conducted on stormwater management facilities are 2.

2.5.3. Stormwater Management Facility Maintenance (Part I.E.5.i(3))

A description of 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:

Were significant maintenance, repair, or retrofit activities performed on any stormwater management (SWM) facilities during the reporting year?

Yes No Not Applicable (No significant maintenance required)

If yes, a description of significant maintenance, repair, or retrofit activities performed on the stormwater management facilities owned or operated by the MS4 to ensure it continues to perform as designed is provided in Table 9.

Table 9: Maintenance Activities Performed on Stormwater Management Facilities

Stormwater Management Facility	Significant Maintenance Activity

2.5.4. Virginia Construction Stormwater General Permit Database (Part I.E.5.i(4))

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 I E 5 f or a statement that the Permittee did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater form Construction Activities:

Stormwater management facility information for stormwater facilities installed after July 1, 2014 was submitted through the Virginia Construction Stormwater General Permit database for land disturbing activities requiring a General VPDES Permit for Discharges of Stormwater from Construction Activities?

Yes No Not Applicable (Not a VSMP authority)

2.5.5. DEQ BMP Warehouse (Part I.E.5.i(5))

A confirmation statement that the permittee electronically reported BMPs using the DEQ BMP Warehouse in accordance with Part I E 5 g and the date on which the information was submitted:

No later than October 1 of each year, stormwater management facilities and BMPs implemented to meet a TMDL load reduction between July 1 and June 30 of each year were electronically reported using the DEQ BMP Warehouse for any practices not reported in accordance with Part I.E.5.f (requirement 2.5.4) including stormwater management facilities from land disturbing activities less than one acre in accordance with the Chesapeake Bay Preservation Act regulations and for which a General VPDES Permit for Discharges of Stormwater from Construction Activities was not required?

Yes, Date Submitted: No Not Applicable (No SWM facilities constructed or BMPs implemented.)

2.5.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 10.

Table 10: MS4 Program Plan BMP Measurable Goals for MCM #5

BMP	Measurable Goal	Completeness Status
5.1	Was the post-construction stormwater management inspection and maintenance program implemented in accordance with approved standards and specifications?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.2	Was the stormwater management facility tracking database updated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable (No new or discovered) <input type="checkbox"/> No

2.5.7. MCM #5 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #5 responses Yes or Not Applicable?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.6. MCM #6: Pollution Prevention and Good Housekeeping

2.6.1. Operational Procedures (Part I.E.6.q(1))

A summary of any operational procedures developed or modified in accordance with Part I E 6 a during the reporting period:

Were any operational procedures developed or modified in accordance with Part I E 6 a during the reporting period? Yes (Refer to Table 11) No

Table 11: Good Housekeeping Operational Procedures Developed or Modified

Good Housekeeping Operational Procedures Developed or Modified
1. Training was changed from annually to biennially.
2. The training quiz was removed from the program as a tool to measure effectiveness.
3. The requirements for modifying the Program was removed in accordance with the 2019-2023 MS4 General Permit.
4. The language was changed to better explain the difference between a good housekeeping action that prevents an IDDE versus a reportable IDDE, which forms to use, who to report to in each scenario and when.
5. Updated sources that are not considered IDDEs in accordance with new regulatory definitions.
6. Added to and expanded on several operation and maintenance procedures, added a maintenance schedule language and commonly generated pollutants list.
7. Updated several waste management disposal procedures pertinent to new regulatory requirements.

2.6.2. Newly Developed SWPPPs (Part I.E.6.q(2))

A summary of any new SWPPPs developed in accordance Part I E 6 c during the reporting period:

Were any new SWPPPs developed in accordance Part I E 6 c during the reporting period?
 Yes (Refer to Table 12) No Not Applicable (No new high priority facilities)

Table 12: New SWPPPs Developed

SWPPP Name	SWPPP Address

2.6.3. Modified or Delisted SWPPPs (Part I.E.6.q(3))

A summary of any SWPPPs modified in accordance with Part I E 6 f or the rationale of any high priority facilities delisted in accordance with Part I E 6 h during the reporting period:

Were any SWPPPs modified after any unauthorized discharge, release, or spill reported?
 Yes (Refer to Table 13) No Not Applicable (No illicit discharges)

Were any high priority facilities delisted in accordance with Part I E 6 h during the reporting period? Yes (Refer to Table 13) Not Applicable (No high priority facilities delisted)

If yes, rationale is provided for any high priority facilities delisted in accordance with Part I E 6 h during the reporting period in Table 13.

Table 13: SWPPPs Modified or Delisted

SWPPPs Modified/Delisted	Rationale for Delisting

2.6.4. Newly Developed Nutrient Management Plans (Part I.E.6.q(4))

A summary of new turf and landscape nutrient management plans developed:

Were any new turf and landscape nutrient management plans developed?
 Yes (Refer to Table 14) No Not Applicable (Does not apply any nutrients.)

2.6.4.1. Nutrient Management Plan Acreage (Part I.E.6.q(4)(a))

The location and the total acreage of each land area:

The location and total acreage of the land area for any newly developed nutrient management plan is provided in Table 14.

2.6.4.2. Nutrient Management Plan Approval Date (Part I.E.6.q(4)(b))

The date of the approved nutrient management plan:

The approval date of any newly developed nutrient management plan is provided in Table 14.

Table 14: New Turf and Landscape Nutrient Management Plans

Location	Total Acreages	Date Approved
Lynchburg Campus	20.09	5/29/2019

2.6.5. Training Events (Part I.E.6.q(5))

A list of the training events conducted in accordance with Part I.E.6.m, including the following information:

A list of training events conducted in accordance with Part I.E.6.m is provided in Table 15.

2.6.5.1. Training Dates (Part I.E.6.q(5)(a))

The date of the training event:

The date of the training event is provided in Table 15.

2.6.5.2. Quantity Trained (Part I.E.6.q(5)(b))

The number of employees who attended the training event:

The number of employees who attended the training event is provided in Table 15.

2.6.5.3. Training Objective (Part I.E.6.q(5)(c))

The objective of the training event:

The objective of the training event is provided in Table 15.

Table 15: Training Events

Date	# of Attendees	Training Objective
5/2/2019	10	Good Housekeeping and Pollution Prevention and IDDE

2.6.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 16.

Table 16: MS4 Program Plan BMP Measurable Goals for MCM #6

BMP	Measurable Goal	Completeness Status
6.1	Was good housekeeping and pollution prevention biennial training conducted this reporting year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable (Not required this reporting year) <input type="checkbox"/> No
6.2	Was the annual comprehensive compliance evaluation conducted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.2	Was the SWPPP reviewed within 30 days after an unauthorized discharge, release or spill reported?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No modification required) <input type="checkbox"/> No
6.2	Was the SWPPP updated within 90 days after an unauthorized discharge?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No modification required) <input type="checkbox"/> No
6.2	Were the MS4's properties reviewed this reporting year to determine if the properties meet the criteria of a high priority facility?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.3	Was the nutrient management plan implemented through completion of application records?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No nutrients applied) <input type="checkbox"/> No
6.4	Were all signed contracts executed with contract good housekeeping and pollution prevention language?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.5	Did all signed contracts executed for pesticide and herbicide application maintain proof of certifications on file?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No pesticides applied) <input type="checkbox"/> No
6.6	Did training occur and were proof of certifications maintained on file for employees performing pesticide and herbicide applications?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No pesticides applied) <input type="checkbox"/> No

2.6.7. MCM #6 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #6 responses Yes or Not Applicable?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

3.0 TMDL SPECIAL CONDITIONS

3.1. Chesapeake Bay TMDL Action Plan

3.1.1. BMPs Implemented and Estimated POC Reductions (Part II.A.13.a)

A list of BMPs implemented during the reporting period but not reported to the DEQ BMP Warehouse in accordance with Part I E 5 g and the estimated reduction of pollutants of concern achieved by each and reported in pounds per year:

Were any BMPs implemented during the reporting period but not reported to the DEQ BMP Warehouse in accordance with Part I.E.5.g? Yes (Refer to Table 17) No

The estimated reduction of pollutants of concern achieved by each BMP reported in pounds per year is provided in Table 17.

Table 17: 2018-2019 Chesapeake Bay TMDL Action Plan POC Reductions

BMP #1: Street Sweeping Using the Mass Loading Approach			
Required pounds of material swept	743 lbs.		
Provided pounds of material swept	19,022 lbs.		
	TN (lbs./yr.)	TP (lbs./yr.)	TSS (lbs./yr.)
Required 5% Reduction (lbs.) =	1.30	.33	149.02
Provided Reduction (lbs.) =	33.29	13.32	3994.62

3.1.2. Nutrient Credits (Part II.A.13.b)

If the permittee acquired credits during the reporting period to meet all or a portion of the required reductions in Part II A 3, A 4, or A 5, a statement that credits were acquired:

Were credits acquired during the reporting period to meet all or a portion of the required reductions in Part II A 3, A 4, or A 5? Yes Not Applicable (No nutrients acquired)

3.1.3. POC Cumulative Reduction Progress (Part II.A.13.c)

The progress, using the final design efficiency of the BMPs, toward meeting the required cumulative reductions for total nitrogen, total phosphorus, and total suspended solids:

The progress, using the final design efficiency of the BMPs, toward meeting the required 40% reductions for total nitrogen, total phosphorus, and total suspended solids is provided in Table 18.

Table 18: 2019 – 2023 Chesapeake Bay TMDL Action Plan Implementation Schedule

Step	General Description	Measurable Goal	Progress Status
1	5% reduction requirement complete. Evaluate lbs. swept.	Completed tracking documentation?	<input checked="" type="checkbox"/> Yes (July 2019) <input type="checkbox"/> No
2	5% reduction requirement complete. Make adjustments to frequency based on 2019 information obtained.	Completed tracking documentation with increase sweeping frequency?	July 2020
3	5% reduction requirement complete. Determine if 40% can be achieved w/ street sweeping alone. If not, evaluate alternate means to achieve 40% reduction. Secure funding for future implementation of new BMPs. Revise Action Plan accordingly.	Completed tracking documentation. If required, revise Action Plan?	July 2021
4	5% reduction requirement complete. Ensure means and methods are in place to meet 40% reduction including additional BMPs if necessary.	Completed tracking documentation and support documentation from any new BMPs employed to meet 40% reduction?	July 2022
5	Complete 40% reduction requirement with selected means and methods.	Completed tracking documentation and support documentation from any new BMPs employed to meet 40% reduction?	July 2023
6	Report on Chesapeake Bay TMDL 40% reduction achievement.	Recorded results in Annual Report?	October 2023

3.1.4. Next Reporting Period Planned BMPs (Part II.A.13.d)

A list of BMPs that are planned to be implemented during the next reporting period:

BMPs that are planned to be implemented during the next reporting period is provided in Table 19.

Table 19: Chesapeake Bay TMDL Action Plan BMPs Planned for 2019-2020

Chesapeake Bay TMDL Action Plan BMPs Planned for 2019-2020
BMP #1 Street Sweeping

3.1.5. Chesapeake Bay TMDL Action Plan Measurable Goals

The Chesapeake Bay TMDL Action Plan measurable goals are provided in Table 20.

Table 20: Chesapeake Bay TMDL Action Plan Measurable Goals

#	Measurable Goal	Completeness Status
1	Were public comments considered during the required 15-day comment period?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (Not required this reporting year) <input type="checkbox"/> No
2	Were cost effective BMPs selected to support model quantification to achieve the required pollutant reductions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Was the required pollutant reduction reached for this reporting year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3.1.6. Chesapeake Bay TMDL Action Plan Implementation Evaluation (Part I.D.2.e)

Review the TMDL Special Condition to determine the Chesapeake Bay TMDL Action Plan's effectiveness and whether or not changes to the Chesapeake Bay TMDL Action Plan are necessary:

Were all Chesapeake Bay TMDL Special Condition responses Yes or Not Applicable?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

3.2. Local TMDL Action Plan

3.2.1. James River-Lynchburg Bacteria TMDL Implementation (Part II.B.9)

A summary of actions conducted to implement each local TMDL action plan:

James River-Lynchburg Bacteria TMDL Action Plan is not due until May 1, 2021.

Appendix A: Documentation of Public Education and Outreach Activities

Appendix B: Documentation of Public Involvement Activities