Alexandria, Annandale,
Loudoun & Woodbridge Campuses

Municipal Separate Storm Sewer System Annual Report

For

General Permit No. VAR040095

Permit Year

July 1, 2023 through June 30, 2024

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, 2023.

Submitted: September 30, 2024

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APPENDICES

TABLES

ACRONYMS

BMP	Best Management Practices
DEQ	Virginia Department of Environmental Quality
IDDE	Illicit Discharge Detection and Elimination
MCM	Minimum Control Measure
MS4	Municipal Separate Storm Sewer System
POC	Pollutants of Concern
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
VPDES	Virginia Pollution Discharge Elimination System
WLA	Wasteload Allocation

1.0 GENERAL ANNUAL REPORTING REQUIREMENTS

1.1. General Information (Part I.D.3.a)

Permitee Name: Northern Virginia Community College

System Name: Virginia Community College System

Permit Number: VAR040095

1.2. Reporting Period (Part I.D.3.b)

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

July 1, 2023 through June 30, 2024

1.3. Signed Certification (Part I.D.3.c)

A signed certification as per Part IV 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: John Kambic

Title: Chief Facilities Officer

Signature: _____ Date: _____

1.4. Reporting for MCMs #1 - #6 (Part I.D.3.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.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.

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
No changes required.

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

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 is provided in Table 2. Appendix A includes documentation of the communication efforts described in Table 2.

Table 2: High Priority Stormwater Issues

#	Stormwater Issue	Strategy	Communication	Metric	Beneficial	Included Climate Change Education
1	Public education on stormwater runoff	Traditional Written Materials	Stormwater brochure distributed on NOVA's Daily Flyer newsletter 6/25/24	Approximately 16,000 students, staff, and faculty reached	☒ Yes ☐ No	☐ Yes ☒ No
2	TMDLs and Local Impaired Waters	Signage	Storm Drain Marking at multiple campuses	New decals installed: AL: 21, AN: 13 LO: 31 & WO: 12	☒ Yes ☐ No	☐ Yes ☒ No
3	Good Housekeeping and Pollution Prevention	Traditional Written Materials	Parking Lot Flyer on bulletin boards at Annandale Campus 6/21/24	4 fliers & Approximately 8,000 students, faculty and staff reached	☒ Yes ☐ No	☐ Yes ☒ No

2.1.3. Description of Changes in High Priority Stormwater Issues (Part I.E. 1.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.

A description of any changes in high-priority stormwater issues and rationale for any of these changes are provided in Table 3. The changes to the strategies used to communicate high-priority stormwater issues or target audiences for the public education and outreach plan are provided in Table 2.

Table 3: Description of Changes in High Priority Stormwater Issues

#	Stormwater Issue	Description of Any Changes	Rationale for Changes
1	Public education on stormwater runoff	BMP interpretative signage was going to be installed.	The project halted, so another strategy and communication had to be implemented.
2	TMDLs and Local Impaired Waters	The Daily Flyer newsletter was anticipated to be used for this stormwater issue.	The newsletter was written to satisfy stormwater issue number 3 instead.
3	Good Housekeeping and Pollution Prevention	Storm drain marker installations were going to be used for this stormwater issue.	The storm drain markers were used to satisfy stormwater issue number 2 instead.

2.1.4. Description of Activities Regarding Climate Change (Part I.E. 1.g(4))

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

A description of public education and outreach activities conducted that included education regarding climate change is provided in Table 2.

2.1.5. MCM #1 Evaluation (Part I.D.3.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 measurable goals completed in accordance with the MS4 Program Plan?
☒ Yes ☐ No ( )

Are the MS4 Program measurable goals effective?

☒ Yes (Effective) ☐ No (Ineffective, necessary changes to the MS4 Program are included in Section 1.5.)

2.2. MCM #2: Public Involvement and Participation

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

A summary of any public comments on the MS4 program received and the responses.

Were any public comments on the MS4 Program received?

☐ Yes, responses are provided in Table 4. ☒ No

Table 4: Responses to Public Comments on the MS4 Program Plan		
#	**Comments**	**Responses**
1		
2		

2.2.2. Summary of Stormwater Pollution Complaints (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.

Were any stormwater pollution complaints received under the procedures established in Part I.E.2.a(1), excluding natural flooding complaints?

☐ Yes, responses are provided in Table 5. ☒ No

Table 5: Responses to Stormwater Pollution Complaints		
#	**Comments**	**Responses**
1		
2		

2.2.3. MS4 Program and Stormwater Webpage (Part I.E.2.i(3))

A webpage address to the MS4 program and stormwater website.

The webpage address is https://www.nvcc.edu/stormwater/

2.2.4. Internal MS4 Program Webpage (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.

Is there an internal MS4 program and stormwater pollution prevention webpage?

☐ Yes, ☒ No

2.2.5. Public Involvement Activities Implemented (Part I.E.2.i(5))

A description of the public involvement activities implemented including any efforts to reach out and engage all economic and ethnic groups.

A description of the implemented public involvement activities are provided in Table 6.

2.2.6. Public Education and Outreach Regarding Climate Change (Part I.E.2.i(6))

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

A description of the public education and outreach activities conducted that also included education regarding climate change is provided in Table 6.

2.2.7. Public Involvement Activity Metric and Evaluation (Part I.E.2.i(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.

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 6. Appendix B includes documentation of the public involvement activities.

Table 6: Public Involvement Activities Implemented

#	Activity Description /Date	Category	Metric	Collaboration	Included Climate Change Education	Beneficial to Improving Water Quality
1	Booth at Alexandria Campus 6/17/24	Educational	Engaged 12 participants & distributed 8 water bottles	No	☐ Yes ☒ No	☒ Yes ☐ No
2	Booth at Annandale Campus 4/26/24	Educational	Engaged 37 participants & distributed 37 brochures & water bottles	No	☐ Yes ☒ No	☒ Yes ☐ No
3	Booth at Loudoun Campus 6/18/24	Educational	Engaged 12 participants & distributed 9 water bottles	No	☐ Yes ☒ No	☒ Yes ☐ No

4	Booth at Woodbridge Campus 6/17/24	Educational	Engaged 17 participants & distributed 15 water bottles	No	☐ Yes ☒ No	☒ Yes ☐ No
5	Stream Clean Up Event Manassas Campus 6/8/2024	Restoration	13 participants & 15 bags of trash	No	☒ Yes ☐ No	☒ Yes ☐ No
6	NOVA ACE Conference 5/3/2024	Educational	Attended by NOVA staff & General Public. Distributed 24 flyers.	No	☐ Yes ☒ No	☒ Yes ☐ No

2.2.8. MS4 Collaboration (Part I.E.2.i(8))

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 6.

2.2.9. 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 measurable goals completed in accordance with the MS4 Program Plan?
☒ Yes ☐ No ( )

Are the MS4 Program measurable goals effective?
☒ Yes (Effective) ☐ No (Ineffective, necessary changes to the MS4 Program are included 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 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 and observation points screened during the reporting period as part of the dry weather screening program.

The number of outfalls and observation points screened during the reporting year as part of the dry weather screening program is 59.

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 7) ☐ No

Table 7: Illicit Discharges

Illicit Discharge #1

Part I.E.3.e(3)(a) Location and Source: White cloudy water was observed at a Fairfax County outfall to an unnamed tributary of the Accotink Creek behind at home at 4302 Holborn Avenue.

Part I.E.3.e(3)(b) Date Observed & Date Reported: 3/1/2024

Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe): Reported by the public to Fairfax County Department of Public Works who contacted NOVA's Facilities Management department.

Part I.E.3.e(3)(d) Investigation Resolution: A contractor replaced sections of curb on both sides of a curb inlet on NOVA's property. The contractor possibly washed cement slurry on the pavement into the curb inlet. Evidence was observed in several stormsewer inlets on the NOVA Annandale Campus and evidence was found at the outfall on the Fairfax County property.

Part I.E.3.e(3)(e) Description of Follow-up Activities: The contractor was notified and educated concerning the issue. The outfall was monitored for several days after the discovery of the discharge occurred to ensure that the discharge was not an ongoing issue. VA DEQ was notified by Fairfax County Department of Public Works.

Part I.E.3.e(3)(f) Date Investigation Closed: 3/5/2024

2.3.4. 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 measurable goals completed in accordance with the MS4 Program Plan?
☒ Yes ☐ No ( )

Are the MS4 Program measurable goals effective?
☒ Yes (Effective) ☐ No (Ineffective, necessary changes to the MS4 Program are included in Section 1.5.)

2.4. MCM #4: Construction Site Stormwater Runoff and Erosion and Sediment Control

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

The nontraditional 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. Site Stormwater Runoff Inspections (Part I.E.4.e(1))

Total number of erosion and sediment control inspections conducted.

The total number of erosion and sediment control inspections conducted are provided in Table 8.

2.4.1.2. Enforcement Actions (Part I.E.4.e(2))

The total number and each type of compliance actions and enforcement implemented.

The total number of compliance actions implemented which include Notices of Violations (Red Flags) and Stop Work Orders (Black Flags) are provided in Table 8.

Table 8: Construction Project(s) Inspections and Compliance Actions and Enforcement

Total Number of Inspections	Total Number of Notices of Violation Issued (Red Flags)	Total Number of Stop Work Orders Issued (Black Flags)
107	12	0

2.4.1.3. Land Disturbance w/ Standards & Specifications (Part I.E.4.e(3)(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.

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 ☐ Not Applicable (No land disturbing projects)

2.4.2. MCM #4 Evaluation (Part I.D.3.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 #4 measurable goals completed in accordance with the MS4 Program Plan?
☒ Yes ☐ No ( )

Are the MS4 Program measurable goals effective?
☒ Yes (Effective) ☐ No (Ineffective, necessary changes to the MS4 Program are included 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(4))

The nontraditional MS4 implements the most recent DEQ approved standards and specifications in accordance with the Virginia the Virginia Stormwater Management Act (§ 62.1-44.15:24 et seq. of the Code of Virginia) and VSMP Regulations (9VAC25-870), and maintains an inspection and maintenance program in accordance with Part I E 5 b.

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

Total number of inspections conducted on stormwater management facilities owned or operated by the permitee.

The total number of inspections conducted on stormwater management facilities are 48.

2.5.3. Stormwater Management Facility Maintenance (Part I.E.5.e(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 any significant maintenance, repairs, or retrofit activities performed on any stormwater management 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. DEQ BMP Warehouse Reporting New BMPs (Part I.E.5.e(5))

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

Did the MS4 electronically report using the DEQ BMP Warehouse any stormwater management facilities installed that disturbed less than one acre and for which a General VPDES Permit for Discharges of Stormwater Construction Activities was not required and BMPs implemented as part of a TMDL action plan to achieve nitrogen, phosphorous, and total suspended solids reductions?

☒ Yes ☐ No ( ) ☐ Not Applicable (No qualifying SMFs)

2.5.5. DEQ BMP Warehouse Reporting Existing BMP Inspections (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 B 5.

Did the MS4 electronically report using the DEQ BMP Warehouse stormwater management facilities inspections information?

☒ Yes ☐ No ( )

2.5.6. MCM #5 Evaluation (Part I.D.3.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 measurable goals completed in accordance with the MS4 Program Plan?

☒ Yes ☐ No ( )

Are the MS4 Program measurable goals effective?

☒ Yes (Effective) ☐ No (Ineffective, necessary changes to the MS4 Program are included in Section 1.5.)

2.6. MCM #6: Pollution Prevention and Good Housekeeping

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

A summary of any written procedures developed or modified in accordance with Part I E 6 a and b 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 10) ☐ No (No modifications required.)

Table 10: Good Housekeeping Operational Procedures Developed or Modified
Procedures were modified in accordance with the 2023 - 2028 MS4 General Permit.

2.6.2. High Priority Facilities Review (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.

Were all high-priority facilities reviewed to determine if SWPPP coverage is needed during the reporting period?

☒ Yes ☐ No ( )

2.6.3. Newly Developed SWPPPs (Part I.E.6.y(3))

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

Were any new SWPPPs developed in accordance Part I E 6 i during the reporting period?

☐ Yes (Refer to Table 11) ☐ No ( ) ☒ Not Applicable (No new high priority facilities)

Table 11: New SWPPPs Developed	
SWPPP Name	**SWPPP Address**
Not Applicable	

2.6.4. Modified SWPPPs (Part I.E.6.y(4))

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

Were any SWPPPs modified after an unauthorized discharge, release or spill reported?

☐ Yes (Refer to Table 12) ☐ No ( ) ☒ Not Applicable (No modifications required)

Table 12: Modified SWPPPs	
SWPPP Name	**SWPPP Address**
Not Applicable	

2.6.5. Delisted SWPPPs (Part I.E.6.y(5))

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

Were any high priority facilities delisted in accordance with Part I.E.6 l or m during the reporting period?

☐ Yes (Refer to Table 13) ☒ No

Table 13: Delisted SWPPPs	
Delisted SWPPPs	**Rationale for Delisting**
Not Applicable	Not Applicable

2.6.6. Nutrient Management Plans status (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).

Refer to Table 14 for the status of each nutrient management plan as of June 30 of the reporting year.

Table 14: Turf and Landscape Nutrient Management Plans	
Nutrient Management Plan	**Status**
Alexandria Campus	Approved
Annandale Campus	Approved
Loudoun Campus	Approved
Manassas Campus	Approved
Medical Education Campus	Approved
Woodbridge Campus	Approved

2.6.7. Training Events (Part I.E.6.y(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.

Was training conducted?

☐ Yes (See Table 15) ☐ No ( ) ☒ Not Applicable (Not required this report year)

Table 15: Training Activities

Dates	# of Employees	Training Objectives and Good Housekeeping Procedures Covered

2.6.8. MCM #6 Evaluation (Part I.D.3.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 measurable goals completed in accordance with the MS4 Program Plan?

☒ Yes ☐ No ( )

Are the MS4 Program measurable goals effective?

☒ Yes (Effective) ☐ No (Ineffective, necessary changes to the MS4 Program are included in Section 1.5.)

3.0 LOCAL TMDL ACTION PLANS

3.1. Bacteria Action Plans (Part II.B.5)

3.1.1. Neabsco Creek Watershed Bacteria TMDL Implementation

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

A summary of actions conducted to implement the Neabsco Creek Watershed Bacteria TMDL is provided in Table 16.

Table 16: Neabsco Creek Watershed Bacteria TMDL Action Plan Summary of Actions

Strategy	Summary of Actions	Completion Status
Identify areas with high bird populations and evaluate deterrents, population controls, habitat modifications and other measures that may reduce bird-associated bacteria loading.	Geese Management via trained dog harassment on campus 2 – 3 times daily, 7 days a week.	☒ Yes ☐ No

3.2. Sediment Action Plans (Part II.B.6)

3.2.1. Accotink Creek Watershed Sediment TMDL Implementation

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

A summary of actions conducted to implement the Accotink Creek Watershed Sediment TMDL is provided in Table 17.

Table 17: Accotink Creek Watershed Sediment TMDL Action Plan Summary of Actions

Strategy	Summary of Actions	Completion Status
Develop Action Plan	Action Plan submitted to DEQ with public comment period.	☒ Yes ☐ No
Evaluate the potential for addressing the WLA by modifying the current Street Sweeping Program	• Determined the potential number of lane miles that can be swept. • Incorporated guidance from DEQ GM20-2003 & develop tracking document. • Considered Chesapeake Bay TMDL Action Plan WLA in conjunction with this Action Plan.	☒ Yes ☐ No
Evaluate the potential for addressing the WLA by modifying the current Street Sweeping Program	• Evaluated current equipment & staff availability. • Evaluated budget to determine how much street sweeping can be accomplished.	☒ Yes ☐ No
Evaluate the potential for addressing the WLA by modifying the current Street Sweeping Program	• If required, plan to purchase dedicated sweeper. • If required, hire additional staff to adequately address staffing needs to address the WLA.	☒ Yes ☐ No
Implement modified Street Sweeping Program and evaluate progress in meeting WLA.	• Begin staff training & modified street sweeping program. • Explore options for additional BMPs as necessary.	June 30, 2025
Implement modified Street Sweeping Program and evaluate progress in meeting WLA.	• Continued staff training & modify street sweeping program as necessary. • If required, evaluate options for additional BMPs as necessary.	June 30, 2026

Implement modified Street Sweeping Program and evaluate progress in meeting WLA.	• Continued staff training & modify street sweeping program as necessary. • If required, implement options for additional BMPs as necessary and feasible.	June 30, 2027
TMDL End date	WLA met	June 30,2028
Ongoing evaluation of sediment reductions	Re-evaluate BMPs used to achieve sediment reductions and explore any necessary modifications to the program (new BMPs, modifying existing BMPs, etc.)	Ongoing

A summary of sediment reductions implemented is provided in Table 18.

Table 18: Accotink Creek Watershed Sediment TMDL Action Plan TSS Reduction Summary	
BMP #1: Street Sweeping	
SCP-3: 1 pass per 2 weeks (25 passes/year), Annual Practice =	31.67 Lane Miles/Acres
Provided TSS Reduction (lbs.) =	4,081
Required TSS Reduction (lbs./yr.) =	92,000

3.3. Chloride Action Plans (Part II.B.8)

3.3.1. Accotink Creek Watershed Chloride TMDL Implementation

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

A summary of actions conducted to implement the Accotink Creek Watershed Chloride TMDL is provided in Table 19.

Table 19: Accotink Creek Watershed Chloride TMDL Action Plan Summary of Actions

Strategy	Summary of Actions	Completion Status
Complete TMDL Action Plan	TMDL Action Plan developed	☒ Yes ☐ No
Establish Salt Management Working Group and Schedule of Meetings	Salt Management Working Group (SMWG) and schedule of meetings established.	☒ Yes ☐ No
Salt Management Working Group Reviews of SaMS and Development Salt Management Program (SMP)	SaMS reviewed by SMWG and development of SMP began	☒ Yes ☐ No
• Salt Management Program Progress provided on the MS4 Annual Report • Action Plan Updated as Necessary • Snow Operations Staff Training	The SMWG consists of the Chief Facilities Officer, Associate Director of Operations, Manager - Environmental Services, Environmental Specialist, Annandale Campus Facility Manager, Annandale Campus Grounds Supervisor, and the Director of Parking and Transportation. Conducted a snow operations training session December 13th for the Annandale Campus B&G staff concerning snow operations. Items discussed at the meeting included snow plowing methods, equipment, drivers and their assigned areas on campus, and priorities for plowing. The SMWG met June 17th and discussed NOVA's Accotink Creek Chloride TMDL Action Plan, SaMS, and what activities NOVA will have to complete to come into compliance. SMWG discussed the previous winter's activities and reported salt usage by campus and types of salt used. Discussed equipment types and	☒ Yes ☐ No

	needs, equipment calibration, current SOPs for procedures and training, and what types of recordkeeping will be required. This information used to develop the SMP.	
• Salt Management Program Progress provided on the MS4 Annual Report • Action Plan Updated as Necessary • Snow Operations Staff Training	Each campus conducted Snow Operations training in early December 2022. Attendees included NVCC staff and contractors at each campus. Attendee totals were AL-10, AN-13, LO-6, WO-8 (no rosters were kept). Discussions at the training meeting addressed proper plowing methods, specifying where snow is to be plowed to and/or stockpiled, discussion of the equipment, personnel assigned areas and duties. Conducted discussions with each campus Facility Manager on whether certain parking lots can be shutdown during snow events and not plowed so as to reduce the amount of salt that may be spread. Facilities purchased two new salt spreaders. Calibration methodology is still being evaluating for reducing the amount of salt put down. NVCC's Snow Book is being reviewed and revisions made as an ongoing task. An SOP is being developed for the Snow Operations Training and will include proper documentation for each meeting. Salt usage was tracked for each campus, though there wasn't much this past winter.	☒ Yes ☐ No
• Salt Management Program Progress provided on the MS4 Annual Report • Action Plan Updated as Necessary • Snow Operations Staff Training	During the pre-season snow operations meeting, an educational discussion was conducted to ensure all personnel understood the specific pollutants and targets outlined in the Accotink Creek TMDL action plan. Comprehensive training sessions were conducted for snow operations staff, emphasizing best practices for applying de-icing materials including the following: techniques for reducing chloride use: equipment calibration and exploring alternative materials. Enhanced monitoring and	☐ Yes ☐ No

	reporting was done in an effort to minimize salt usage. NOVA has developed a "salt tracker" to reduce overall chloride usage.	
Develop Snow Operations Standard Operating Procedure Manual		June 30, 2025
• Salt Management Program Progress provided on the MS4 Annual Report (See 5.1.3) • Action Plan Updated as Necessary Snow Operations Staff Training		October 1, 2025
Implement SOPs		Winter 2025

Appendix A: Documentation of Public Education and Outreach Activities

High Priority Stormwater Issue #1

From: Daily Flyer
To: Daily Flyer
Subject: NOVA Daily Flyer - Tuesday, June 25, 2024
Date: Tuesday, June 25, 2024 6:12:06 AM

View this email in your browser

News for Tuesday, June 25, 2024

Tuesday Topic

How Do We Know We Are Hitting the Mark?

Today's topic is how we determine that we are fulfilling our mission...

General NOVA News

Celebrating Inclusion: NOVA's DEI Campus Resource Maps and Campus Accessibility Maps

In our commitment to embrace diversity and ensure inclusivity across our campuses, NOVA has introduced two vital resources. Our new Diversity &...

New Process to Obtain Academic Credit for Work/Life Experience

NOVA is piloting a new program to waive the SDV-298 requirement for students seeking academic credit for work/life experience. Instead of taking...

The Stormwater Runoff Problem and the Impact You Can Have

Did you know that rainwater and the water we use on campus transfers debris and harmful chemicals into our campus storm drains? Those chemicals and...

Faculty/Staff Highlights

Engage Lifelong Learners as an LLI Instructor! Proposals Due, July 12
Do you have a passion for sharing knowledge or a burning desire to inspire curious minds? Look no further than the Lifetime Learning Institute of...

Our Nighthawks

Important Note: Change in Military Withdrawal Policy
The Office of Military and Veteran Services would like to provide an important update about a recent change in the military withdrawal policy...

Encourage Students to Participate in the President's Office Hours, June 27
President Kress will host her **June Student Office Hours on Thursday**, **June 27**, from **10 a.m. until 11 a.m.** This is an opportunity for students to hear....

HR News/Training

Making Address Changes in HCM
Please update your address in HCM only if you have moved or need to list a different address for mailing or home...

Important Compliance Training This Week: Title VII/EEO, June 28
Join us for our Summer 2024 Compliance Training sessions hosted by the Office of Human Resources. As in previous years, these sessions will be...

Reminder: Renew Telework Agreements by Sunday, June 30
The portal to **renew** current Telework Agreements will close on **Sunday**...

Get Well

CommonHealth Weekly Wellnote

How can your Virginia State Employee Wellness Program help? The CommonHealth programs and campaigns cover a variety of health topics and...

Financial Wellness Program: Strategies to Thrive, June 2024
The best investment you can make is an investment in yourself...The more you learn, the more you'll earn." --Warren Buffet...

In Case You Missed It (ICYMI)

NOVA Named in "Loudoun Times-Mirror's" Best of Loudoun!
Every year, the *Loudoun Times-Mirror* hosts a Best of Loudoun contest in which Loudoun County residents, readers and customers vote for their...

Tech Notes & Training

Microsoft Monday Training Session: July 1, 2024
Join us on Monday, **July 1**, for two insightful Microsoft sessions designed to enhance your productivity and proficiency with Microsoft tools...

Get Ready for Summer: Essential Training for July 2 Classes
Master Your Files with Google Drive Basics: Unleash the power of Google Drive! This introductory session will demystify the platform, guiding you...

KnowBe4 Security Tips: Build a Critical Security Mindset!
Northern Virginia Community College faces ongoing cyber threats and attempts by malicious parties to gain access to email and other technology resources...

Level Up Hybrid and Online Teaching Skills with Summer Workshops Beginning July 9
While you are enjoying your summer, here is a gentle reminder that workshops are still available to help you improve your hybrid and online teaching skills...

Submit a Story to the Daily Flyer

To find important NOVA information, including previous editions of the Daily Flyer, visit NOVAnet.

Submission Deadline for the Daily Flyer is 12 p.m. for consideration in the next edition.

Our mailing address is:
8333 Little River Turnpike, Annandale, VA 22003

High Priority Stormwater Issue #2

Stormwater Runoff Impacts

and the Impact *You* Can Make

Information concerning NOVA's Stormwater Management Program can be found on NOVA's website at: https://www.nvcc.edu/about/offices/sustainability/stormwater/.

What Is Stormwater Runoff?

Stormwater runoff is precipitation such as rain or snow that does not soak into the ground or otherwise become captured in tree canopy or evaporate from the ground when settled in depressions. Stormwater runoff is dramatically increased because of human development of land. The increase is caused by hardened (impervious) surfaces such as roadways, parking lots, and rooftops. Managed grassy areas also are often compacted during the development phase, reducing the soil's ability to infiltrate rainfall. The result is an increased volume of rainfall running off into local creeks and streams.

Did you know?

Stormwater runoff that enters a storm inlet is not directed to a treatment plant like the water flushed down the toilet. Storm sewer systems typically directly discharge to the nearest surface waterway. We have all seen an oil sheen on the asphalt in a parking lot and, yes, the contaminant causing that sheen will soon be in the nearby creek in which you may like to fish or swim. Have you ever dumped something down a storm drain? Did you know pet waste contributes to bacterial impairments in streams, as well as increasing levels of nitrogen and phosphorus? Do you wash your car over a storm drain? Are there any other contaminants you leave exposed to precipitation? If so, you are contributing to the degradation of our waterways!

What is an Illicit Discharge?

Illicit discharges can threaten public safety, public health, and the environment. An illicit discharge is any substance other than stormwater that enters the storm sewer system or receiving waterbody. Illicit discharges can occur on account of specific activities that can result in the exposure of materials to precipitation that could be transported through stormwater runoff.

Examples include:

- Vehicle or equipment washing;
- Hydraulic fluid or fuel leaks from vehicles and equipment;
- Excessive application of pesticides, herbicides, and fertilizers; and
- Dumping of trash or other waste

Allowable non-stormwater discharges include fire-fighting activities, water line flushing, and landscape or lawn irrigation. These discharges may flow into the storm sewer or waterway without consequence.

Illicit discharges are prohibited on NOVA campuses and enforcement is implemented with corrective or disciplinary action consistent with the NOVA Policy 308, Stormwater Pollution Prevention incorporated into the student, faculty, and staff handbooks. **http://www.nvcc.edu/policies/_files/308-Stormwater-Pollution-Prevention.pdf**

Illicit discharges should be reported to NOVA immediately so that appropriate corrective actions can be taken. Corrective actions are taken as necessary by NOVA.

What Steps Can You Take?

Report Illicit Discharges: If you see an illicit discharge, a potential source for an illicit discharge, or witness illegal dumping, you should contact the appropriate personnel in accordance with NOVA's Pollution Prevention Policy **http://www.nvcc.edu/policies/_files/308-Stormwater-Pollution-Prevention.pdf.**

Do not cause an illicit discharge: Be mindful when performing activities that could introduce pollutants to stormwater runoff:

- Pick up and properly dispose of pet waste.
- Clean up vehicle fluid or fuel leaks and spills.
- Properly dispose of hazardous substances such as automotive oil, cooking oil, paint, cleaners, etc.
- Apply pesticides, herbicides, and fertilizers per the manufacturer's specifications.

Stormwater Impacts

Receiving waters downstream of storm sewer systems are impacted by the increased volume and velocity of runoff, along with the pollutants transported within the runoff.

Flooding: Stormwater runoff from intense rainfalls can exceed the carrying capacity of the stormwater system and waterways which can lead to the flooding of roads, yards, and structures.

Erosion: Uncontrolled stormwater rapidly increases the amount of runoff flowing into a stream which can wash away the streambed and stream banks, transporting the sediment downstream impacting aquatic habitat and water quality.

Pollution: Stormwater runoff flows across surfaces such as parking lots and roadways. It mobilizes contaminants such as animal waste, chemicals, pesticides, hydraulic oil, trash, and sediment. These contaminants are then transported downstream to streams, rivers and

ultimately the ocean. These contaminants can harm aquatic habitats and prevent recreational use in waterways.

NOVA's Stormwater Program

The Environmental Protection Agency (EPA) and the Virginia Department of Environmental Quality (DEQ) regulate stormwater runoff, including runoff from NOVA's storm sewer system. In response, NOVA implements a comprehensive stormwater management program. NOVA's program addresses stormwater with a multifaceted approach that includes:

- Public education and outreach on stormwater impacts,
- Public involvement/participation in activities targeted to improve stormwater quality,
- Detection and elimination of illicit (non-stormwater) discharges to the storm sewer,
- Requirements for construction site runoff controls,
- Requirements to provide long-term stormwater management practices for new construction,
- Standard operating procedures to minimize/eliminate negative impacts from campus and contractor activities, and
- Implementation of stormwater best management practices to reduce pollutant loads.

For questions or comments concerning

NOVA's Stormwater Management Program or to learn about volunteer opportunities, contact NOVA's Manager, Environmental Services at: ewright@nvcc.edu

Evan Wright
Manager, Environmental Services
Northern Virginia Community College
Facilities Planning and Support Services
8333 Little River Turnpike, CW Building, Rm 312
Annandale, Virginia 22003-3796
703-764-5095 Direct
ewright@nvcc.edu

High Priority Stormwater Issue #3


NOVA
Faculty
& Staff
Parking
ONLY
2
2024 12:33 PM


ONE WAY
Galaxy S22
June 17, 2024 8:21 AM


Galaxy S22
June 17, 2024 11:01 AM


Galaxy S22
June 18, 2024 1:02 PM

NOVA
Northern Virginia
Community College

Legend

- Outfall Drainage Area
- Storm Sewer Pipe & Flow Direction
- Storm Inlet/Manhole
- Surface Flow Direction
- Paved Surface
- Sidewalk/Gravel Surface
- Wooded Area
- Grassed Area
- Building/Parking Garage
- Generator or Fuel/Oil/Grease Storage
- Outfall Location
- Stormwater Management (SWM) Facility
- Parking Lot

Pertinent Contacts

Acting Manager, Environmental Services (Evan Wright): (703) 764-0543
DEQ NOVA Regional Office (Mon. - Fri. 8:15 - 4:30): (703) 583-3800
VA Dept. Emergency Management (24 hrs./7wk.): (800) 468-8892

Interconnected MS4 Localities
City of Alexandria (IDDE Reporting): (703) 746-4200
VDOT, NOVA District: (800) 367-7632

SWM Facility Location Key

- 1 BIORETENTION
- 2 MANUFACTURED UNDERGROUND DETENTION STRUCTURE
- 3 4 10 BIORETENTION
- 5 6 7 8 INFILTRATION
- 9 DRY DETENTION

January 26, 2024

NORTHERN VIRGINIA COMMUNITY COLLEGE
ALEXANDRIA CAMPUS
Illicit Discharge & Detection/ Post-Construction Stormwater Management Facility Map

Note: This map is required to be updated when any new infrastructure is built (buildings, storm sewer, outfalls, stormwater management facilities etc.). Notify the Environmental Services Manager regarding changes in the field not depicted on this map.

Scale: 1" = 200'

Wetland Studies and Solutions, Inc. a DAVEY company

MS4 - Maps - July 2019

NOVA
Northern Virginia Community College

Legend

- Stream
- Outfall Drainage Area
- Storm Sewer Pipe & Flow Direction
- Storm Inlet/Manhole
- Surface Flow Direction
- Paved Surface
- Sidewalk/Gravel Surface
- Wooded Area
- Grassed Area
- Building
- Generator or Fuel/Oil/Grease Storage
- Outfall Location
- Inspection Location

Potential Pollutant Source Location Key

1. OUTDOOR LOADING, VEHICLE STORAGE DUMPSTERS, OUTDOOR WASTE GREASE STORAGE,SALT STORAGE/OPERATIONS
2. FUELING VEHICLE WASHING VEHICLE/EQUIPMENT STORAGE OUTDOOR MATERIAL STORAGE
3. DUMPSTERS, OUTDOOR LOADING
4. DUMPSTERS, OUTDOOR LOADING
5. DUMPSTERS, OUTDOOR LOADING
6. DUMPSTERS, OUTDOOR MATERIAL STORAGE, OUTDOOR LOADING
7. VEHICLE STORAGE
8. DUMPSTERS, OUTDOOR LOADING

JUNE 2019

General Notes

In addition to the Potential Pollutant Source Locations identified on the map, the site inspection shall also observe and report:

1. Areas of erosion occurring on-site;
2. Locations of exposed soils (i.e. lack of gravel cover);
3. Oil, hydraulic fluid, or chemical spills;
4. Open (uncovered) and unlabeled containers; and
5. Any other potential pollutant that could be exposed to precipitation and stormwater runoff.

Site Evaluation Procedures

- **Inspect** potential pollution source locations in sequence with numbering on the map.
- **Reference** the back of this map to assist with identification of pollutant concerns at each location and practices to address potential pollutant exposure to stormwater runoff.
- **Complete** the Site Compliance Evaluation Form for each corresponding location during inspection.
- **Submit** completed form to the Environmental Compliance Officer.
- **Conduct** follow-up to findings, as directed by the Director of Facilities.
- **Document** on Site Compliance Evaluation Form the completion of follow-up actions.

NORTHERN VIRGINIA COMMUNITY COLLEGE

ANNANDALE CAMPUS

STORMWATER POLLUTION PREVENTION PLAN MAP

Scale: 1" = 200'

Note: This map is required to be updated when any new infrastructure is built (buildings, storm sewer, outfalls, etc.) or any possible pollutant generating activities are created, moved, or eliminated (new dumpster, new stockpile area, etc.). Notify the Environmental Compliance Officer regarding changes in the field not depicted on this map.

3e EEE Consulting, Inc.
Environmental, Engineering and Educational Solutions

NOVA
Northern Virginia Community College

UNNAMED TRIBUTARY OF NEABSCO CREEK

UNNAMED TRIBUTARIES OF NEABSCO CREEK

North

Pertinent Contacts

Acting Manager, Environmental Services (Evan Wright): (703) 764-0543
DEQ (NOVA Regional Office): (703) 583-3800 (Mon.-Fri. 8:15 - 4:30)
VA Dept. Emergency Management : (800) 468-8892 (24 hrs./7wk.)

Interconnected MS4 Localities

Prince William County (IDDE Reporting): (703) 792-7070
VDOT, (NOVA District): (800) 367-7632

Legend

- Stream
- Outfall Drainage Area
- Storm Sewer Pipe & Flow Direction
- Storm Inlet/Manhole
- Surface Flow Direction
- Paved Surface
- Sidewalk/Gravel Surface
- Wooded Area
- Grassed Area
- Building
- Outfall Location
- Generator of Fuel/Oil/Grease Storage
- Stormwater Management (SWM) Facility
- Parking Lot

WV3
WV2
WV1
WAS
WS
WAC
WB
WH
WM
WFM
WRC
A
B
C
D
E
F
G
H
COLLEGE DRIVE
NEABSCO MILLS ROAD
NEABSCO MILLS ROAD

SWM Facility Location Key

- 1, 14 DETENTION
- 2 MANUFACTURED DETENTION "STORM CHAMBERS"
- 3 BIORETENTION
- 4 MANUFACTURED DETENTION "STORM CHAMBERS"
- 5 RETENTION
- 6 PERMEABLE PAVERS
- 7 RAINWATER HARVESTING
- 8, 9 VEGETATED ROOF
- 10 MANUFACTURED FILTER "STORMFILTER"
- 11 MANUFACTURED HYDRODYNAMIC "CONTINUOUS DEFLECTIVE SEPARATOR"
- 12 RAINWATER HARVESTING
- 13, 15 PERMEABLE PAVEMENT

January 26, 2024

NORTHERN VIRGINIA COMMUNITY COLLEGE

WOODBRIDGE CAMPUS

Illicit Discharge &Detection/ Post-Construction Stormwater Management Facility Map

Note: This map is required to be updated when any new infrastructure is built (buildings, storm sewer, outfalls, stormwater management facilities etc.). Notify the Environmental Services Manager regarding changes in the field not depicted on this map.

Scale: 1" = 200'

Wetland Studies and Solutions, Inc. a DAVEY company

NOVA
Northern Virginia Community College

North

HARRY BYRD HIGHWAY

CAMPUS DRIVE

ANKERS SHOP CIRCLE

LOGAN WAY

COTTAGE ROAD

POTOMAC VIEW ROAD

UNNAMED TRIBUTARY OF POTOMAC RIVER/BROAD RUN

LM
LA
LD
LG1
LS
LW
LHEC
LR
LC
LCS

SWPPP Inspection Notes

In addition to the Potential Pollutant Source Locations identified on the map, the site inspection shall also observe and report:

1. Areas of erosion occurring on-site;
2. Locations of exposed soils (i.e. lack of gravel cover);
3. Oil, hydraulic fluid, or chemical spills;
4. Open (uncovered) and unlabeled containers; and
5. Any other potential pollutant that could be exposed to precipitation and stormwater runoff.

Legend

- Stream
- Outfall Drainage Area
- Storm Sewer Pipe & Flow Direction
- Storm Inlet/Manhole
- Surface Flow Direction
- Swale
- Asphalt Surface
- Concrete/Gravel Surface
- Wooded Area
- Grassed Area
- Building
- Generator or Fuel/Oil Storage
- Outfall Location
- Inspection Location
- Parking Lot

SWPPP Inspection Procedures

- **Inspect** potential pollution source locations in sequence with numbering on the map.
- **Reference** the back of this map to assist with identification of pollutant concerns at each location and practices to address potential pollutant exposure to stormwater runoff.
- **Complete** the SWPPP Inspection Form for each corresponding location during inspection.
- **Submit** completed form to the Environmental Services Manager.
- **Conduct** follow-up to findings, as directed by the Environmental Services Manager.
- **Document** on SWPPP Inspection Form the completion of follow-up actions.

Potential Pollutant Source Location Key

1 FUELING
VEHICLE WASHING
OUTDOOR MATERIAL STORAGE
VEHICLE/EQUIPMENT STORAGE
SALT STORAGE/OPERATIONS

2 FUELING
DUMPSTERS
VEHICLE STORAGE

3 **4** DUMPSTERS
6 OUTDOOR LOADING

5 OUTDOOR LOADING

7 DUMPSTERS

8 OUTDOOR MATERIAL STORAGE
OUTDOOR MATERIAL STOCKPILING

9 OUTDOOR MATERIAL STORAGE
OUTDOOR LOADING

January 26, 2024

NORTHERN VIRGINIA COMMUNITY COLLEGE
LOUDOUN CAMPUS
STORMWATER POLLUTION PREVENTION PLAN MAP

Note: This map is required to be updated when any new infrastructure is built (buildings, storm sewer, outfalls, etc.) or any possible pollutant generating activities are created, moved, or eliminated (new dumpster, new stockpile area, etc.). Notify the Environmental Services Manager regarding changes in the field not depicted on this map.

Scale: 1" = 200'

Wetland Studies and Solutions, Inc. a DAVEY company

Appendix B: Documentation of Public Involvement Activities

Public Involvement Activity #1


AED
2. Download LiveSafe
Available on Google Play or the App Store
GET THE APP
Scan for Google Play
LiveSafe
Scan for the App Store
Available on Google Play or the App Store
3. In Case of Emergency, three ways to call for help:
· NOVA Phone Panic Button
· Cell Phone 911
· LiveSafe App Emergency Button
NOVA
232
FOR DISPLAY ONLY
xylem
Galaxy S22
June 17, 2024 12:44 PM

Public Outreach at Alexandria Campus. Set up a booth at Bisdorf Building Main Entrance on 6/17/2024 from 12:30 to 1:30. Engaged 12 people, distributed 8 bottles. Engaged NOVA students and members of general public (small group of DASH Bus drivers) – they showed interest in NOVA's Stormwater webpage. Spoke to member of "Friends of Accotink Creek" – had questions about BMP/Wet Pond at AN campus maintenance. Talking points included MS4 permit and local TMDLs.

Public Involvement Activity #2

Public Outreach event held at Annadale Campus on 4/26/2024 from 1:00pm-3:00pm. Booth set up at CA Building Main Entrance. Gave out 37 brochures/water bottles. Talking points included MS4 Permit, Stormwater pollution impacts and TMDLs.

Stormwater Impacts

Receiving waters downstream of storm sewer systems are impacted by the increased volume and velocity of runoff, along with the pollutants transported within the runoff.

Flooding: Stormwater runoff from intense rainfall can exceed the carrying capacity of the stormwater system and waterways which can lead to the flooding of roads, yards and structures.

Erosion: Uncontrolled stormwater rapidly increases the amount of runoff flowing into a stream which can wash away stream the bank and transport the sediment downstream impacting aquatic habitat and water quality.

Pollution: Stormwater runoff flows across surfaces such as parking lots and roadways. It mobilizes contaminants such as animal waste, chemicals, pesticides, hydraulic oil, trash and sediment. These contaminants are then transported downstream to streams, rivers and ultimately the ocean. These contaminants can harm aquatic habitats and prevent recreational use in waterways.

NOVA's Stormwater Program

The Environmental Protection Agency (EPA) and the Virginia Department of Environmental Quality (DEQ) regulate stormwater runoff, including runoff from NOVA's storm sewer system. In response, NOVA implements a comprehensive stormwater management program. NOVA's program addresses stormwater with a multi-faceted approach that includes:

- Public education and outreach on stormwater impacts;
- Public involvement/participation in activities targeted to improve stormwater quality;
- Detection and elimination of illicit (non-stormwater) discharges to the storm sewer;
- Requirements for construction site runoff controls;
- Requirements to provide long-term stormwater management practices for new construction;
- Standard operating procedures to minimize/eliminate negative impacts from campus and contractor activities;
- Implementation of stormwater best management practices to reduce pollutant loads.

For questions or comments concerning NOVA's Stormwater Management Program or to learn about volunteer opportunities, contact NOVA's Manager, Environmental Services at: **stormwater@nvcc.edu.**

NOVA | Northern Virginia Community College

Stormwater Runoff Impacts

and the Impact *You* Can Make

Information concerning NOVA's Stormwater Management Program can be found on NOVA's website at: **http://www.nvcc.edu/stormwater/**

What Is Stormwater Runoff?

Stormwater runoff is precipitation such as rain or snow that does not soak into the ground or otherwise become captured in tree canopy or evaporate from the ground when settled in depressions. Stormwater runoff is dramatically increased as a result of human development of land. The increase is caused as a result of hardened (impervious) surfaces such as roadways, parking lots and rooftops. Managed grassy areas are also often hardened during the development phase, reducing the soils ability to infiltrate rainfall. The result is an increased volume of rainfall running off into local creeks and streams.

Did you know?

Stormwater runoff that enters a storm inlet is not directed to a treatment plant like the water flushed down the toilet. Storm sewer systems typically directly discharge to the nearest surface waterway. We have all seen an oil sheen on the asphalt in a parking lot and, yes, the contaminant causing that sheen will soon be in the nearby creek in which you may like to fish or swim. Have you ever dumped something down a storm drain? Did you know pet waste contributes to bacterial impairments in streams? Do you wash your car over a storm drain? Are there any other contaminants you leave exposed to precipitation? If so, you are contributing to the degradation of our waterways!

What is an Illicit Discharge?

Illicit discharges can threaten public safety, public health, and the environment. An illicit discharge is any substance other than stormwater that enters the storm sewer system or receiving waterbody. Illicit discharges can occur on account of specific activities that can result in the exposure of materials to precipitation that could be transported through stormwater runoff. Examples include:

- Vehicle or equipment washing;
- Hydraulic fluid or fuel leaks from vehicles and equipment;
- Excessive application of pesticides, herbicides and fertilizers; and
- Dumping of trash or other waste

Allowable non-stormwater discharges include fire-fighting activities, water line flushing, and landscape or lawn irrigation. These discharges may flow into the storm sewer or waterway without consequence.

Illicit discharges are prohibited on NOVA campuses and enforcement is implemented with corrective or disciplinary action consistent with the NOVA Policy 11.9.1 Pollution Prevention incorporated into the student, faculty and staff handbooks. **http://www.nvcc.edu/policies/docs/pollution-prevention-policy.pdf**

Illicit discharges should be reported to NOVA immediately so that appropriate corrective actions can be taken. Corrective actions are taken as necessary by NOVA.

What Steps Can You Take?

Report Illicit Discharges: If you see an illicit discharge, a potential source for an illicit discharge, or witness illegal dumping, you should contact the appropriate personnel in accordance with NOVA's Pollution Prevention Policy **http://www.nvcc.edu/policies/_docs/pollution-prevention-policy.pdf.**

Do not cause an illicit discharge: Be mindful when performing activities that could introduce pollutants to stormwater runoff:

- Pick up and properly dispose of pet waste.
- Clean up vehicle fluid or fuel leaks and spills.
- Properly dispose of hazardous substances such as automotive oil, cooking oil, paint, cleaners, etc.
- Apply pesticides, herbicides, and fertilizers per the manufacturer's specifications.

Public Involvement Activity #3

Loudoun Public Outreach Event – Hosted on 6/18/2024 at LC Building Main entrance of cafeteria from 11:30am-1:00pm. Booth with MS4 educational materials and water bottle distribution. Talked about MS4 General Permit, SWPPP, and TMDLs. Engaged 12 students/members of public. Distributed 9 NOVA branded bottles.

Public Involvement Activity #4

Public outreach event at Woodbridge. Hosted on 6/17/2024 from 11:00am to 12:00pm. Booth set up at WAS Main entrance. Was able to engage youth group – Boys and Girls Club of greater Washington. Discussed MS4 Permit, SWPPP, TMDLs. Engaged 17 people total. Distributed 15 water bottles.

t Floor

BO Library 2nd Floor

↑ 102 - 119

→ 123 - 144C

FIRE

NOVA

NOVA

NOVA

NOVA

xylem

G.W.: 6.5 KG
N.W.: 5.5 KG

Galaxy S22
June 17, 2024 11:49 AM

Public Involvement Activity #5

From:	Wright, Evan L.
To:	Sara Shelton
Cc:	Chris Schrinel
Subject:	Public outreach/education and public involvement
Date:	Thursday, June 20, 2024 11:59:30 AM
Attachments:	image002.png image003.png

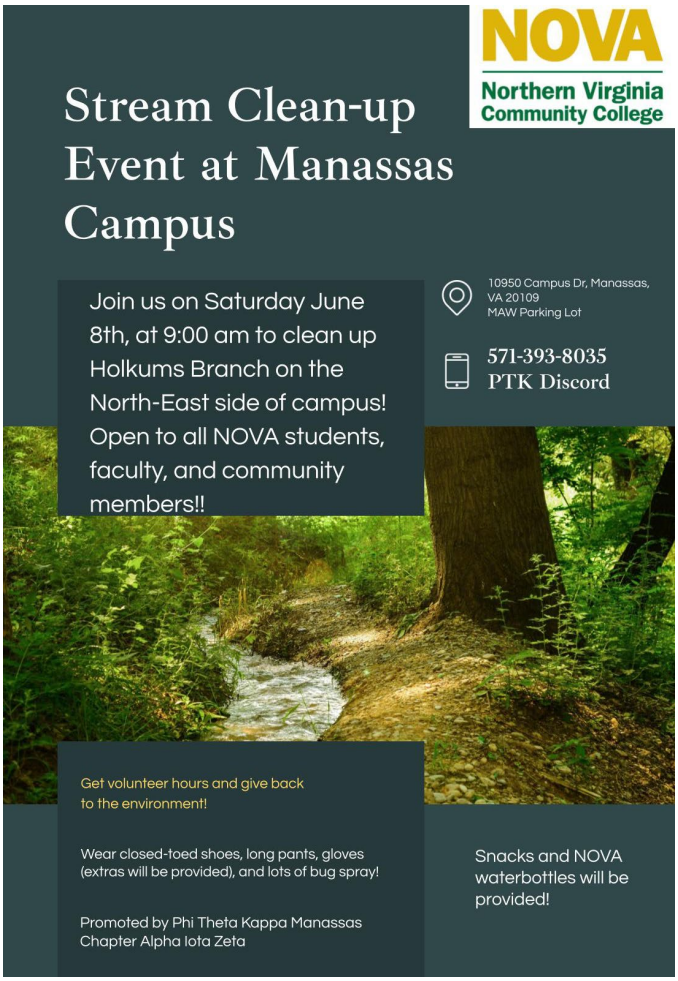
Sara,

I've uploaded some information and documents relating to the public outreach/education and public involvement MCM requirements to the FTP site FYI.

I forgot to include the Stream Clean up Event hosted at MA campus in the uploads. See the flyer that was distributed below and the attached photo.

MA stream clean up event:

Hosted on Saturday 6/8/2024 from 9:00am to 12:00pm
13 participants – discussed stormwater pollution impacts, MS4 GP, and TMDLs
Collected 15 bags of trash



Evan Wright

Environmental Specialist
Facilities Management
Facilities Planning and Support Services

Annandale / CW Building
8333 Little River Turnpike, CW Building, Suite 312, Annandale, Virginia 22003
703-764-0543 Direct
571-217-7651 Cell

NOVA | Northern Virginia Community College

Public Involvement Activity #6

Public Outreach Event at Annandale Campus. Hosted on 5/3/2024 during NOVA ACE Conference. Included members of NOVA Staff and General Public. Distributed 24 Storm water Pollution Impact Flyers during networking sessions (12:00pm to 1:00pm). Gave brief MS4/TMDL talk.

Applauding Classified Employees

2024 Half-Day Conference

Half-Day ACE Conference for Classified Staff - Friday, May 3, 2024

AGENDA		
8:30 AM	Forum	**Registration and Networking** Light Breakfast (Panera)
9:00 AM	Theater	**Welcome Message** Dr. Anne M. Kress, President
9:15 AM	Theater	**Panel Discussion Featuring NOVAs Leadership** *Guest Speakers:* **John Ferrari**, Vice President for Finance and Administration **Dana Fallon** for **Steven Partridge**, Vice President for Strategy Research and Workforce Innovation **Dr. Beatrice McKeithen**, Acting Vice President for Student Affairs **Dr. Jennifer Daniels** for **Eun-Woo Chang**, Vice President for Academic Affairs **Allen Sinner** for **Dr. Chad Knights**, Vice President for IET and College Computing *Moderator:* **Dr. Richmond Hill**, Provost for the Woodbridge Campus
10:15 AM	Varies	**Workshop Breakout Session 1** Choose from 5 In-person Sessions or 3 Virtual Zoom Sessions
11:15 AM	Varies	**Workshop Breakout Session 2** Choose from 4 In-person Sessions or 4 Virtual Zoom Sessions
Noon - 1:00 PM	Atrium Forum	**Lunch & Networking** Boxed Lunch (Panera) - Lunch Registration Required - Grab and Go! **Vendor Exhibits** NOVA HR Benefits, Virginia Credit Union, TimelyCare, Aflac

10:15 AM Workshop Breakout Session 1

Workshop Name	Trainer	Modality	Workshop Location
Age and Stage: Embracing Diversity Beyond Generational Labels	Dr. Sherrene DeLong	In-Person	CE Seminar Rooms A-D
Alignment, The New Way to Strategic Thinking	Laetitia Gnago	In-Person	CE Dance Room
Conflict Management: Managing Working Relationships	Dr. Shawn Addison	In-Person	CN 103
Navigating the Procurement Process	Emily Southers	In-Person	CE President's Hall
Emotional Intelligence	Rachel Thiemann	Virtual	Zoom Watch Room CN 105
Supercharge your MyNOVA/VCCS Google Workspace!	Mia Hoyt	Virtual	Zoom Watch Room CN 102
Leveraging NOVAnet to Promote Your Projects and Office or Division	Curtis Wilson, Nebiyat Etana	Virtual	Zoom Watch Room CN 104
VRS: Retirement Q&A	Stephanie Barkalow	In-Person	CE Theater

11:15 AM Workshop Breakout Session 2

Workshop Name	Trainer	Modality	Workshop Location
Building Workplace Confidence Through Strategic Thinking	Laetitia Gnago	In-Person	CE President's Hall
Strategies for Successful Change Management	Steven Patterson	In-Person	CE Dance Room
The New Resume	Maureen Desmond	In-Person	CE Seminar Rooms A-D
Spring Into Action! Assess Your Personal Wellness Status and Create a Path To Wellbeing	Dr. Dahlia Henry-Tett	In-Person	CE Theater
Navigating the AI Landscape	Johnna Denny	Virtual	Zoom Watch Room CN 103
Dealing with Challenging People	John Ebron	Virtual	Zoom Watch Room CN 105
The Sandwich Generation	Beth Pollack	Virtual	Zoom Watch Room CN 102
Mastering Zoom for College Staff	Jennifer Kralik	Virtual	Zoom Watch Room CN 104

Stormwater Impacts

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NOVA | Northern Virginia Community College

Stormwater Runoff Impacts

and the Impact *You* Can Make

Information concerning NOVA's Stormwater Management Program can be found on NOVA's website at: **http://www.nvcc.edu/stormwater/**

What Is Stormwater Runoff?

Stormwater runoff is precipitation such as rain or snow that does not soak into the ground or otherwise become captured in tree canopy or evaporate from the ground when settled in depressions. Stormwater runoff is dramatically increased as a result of human development of land. The increase is caused as a result of hardened (impervious) surfaces such as roadways, parking lots and rooftops. Managed grassy areas are also often hardened during the development phase, reducing the soils ability to infiltrate rainfall. The result is an increased volume of rainfall running off into local creeks and streams.

Did you know?

Stormwater runoff that enters a storm inlet is not directed to a treatment plant like the water flushed down the toilet. Storm sewer systems typically directly discharge to the nearest surface waterway. We have all seen an oil sheen on the asphalt in a parking lot and, yes, the contaminant causing that sheen will soon be in the nearby creek in which you may like to fish or swim. Have you ever dumped something down a storm drain? Did you know pet waste contributes to bacterial impairments in streams? Do you wash your car over a storm drain? Are there any other contaminants you leave exposed to precipitation? If so, you are contributing to the degradation of our waterways!

What is an Illicit Discharge?

Illicit discharges can threaten public safety, public health, and the environment. An illicit discharge is any substance other than stormwater that enters the storm sewer system or receiving waterbody. Illicit discharges can occur on account of specific activities that can result in the exposure of materials to precipitation that could be transported through stormwater runoff. Examples include:

- Vehicle or equipment washing;
- Hydraulic fluid or fuel leaks from vehicles and equipment;
- Excessive application of pesticides, herbicides and fertilizers; and
- Dumping of trash or other waste

Allowable non-stormwater discharges include fire-fighting activities, water line flushing, and landscape or lawn irrigation. These discharges may flow into the storm sewer or waterway without consequence.

Illicit discharges are prohibited on NOVA campuses and enforcement is implemented with corrective or disciplinary action consistent with the NOVA Policy 11.9.1 Pollution Prevention incorporated into the student, faculty and staff handbooks. **http://www.nvcc.edu/policies/docs/pollution-prevention-policy.pdf**

Illicit discharges should be reported to NOVA immediately so that appropriate corrective actions can be taken. Corrective actions are taken as necessary by NOVA.

What Steps Can You Take?

Report Illicit Discharges: If you see an illicit discharge, a potential source for an illicit discharge, or witness illegal dumping, you should contact the appropriate personnel in accordance with NOVA's Pollution Prevention Policy **http://www.nvcc.edu/policies/_docs/pollution-prevention-policy.pdf.**

Do not cause an illicit discharge: Be mindful when performing activities that could introduce pollutants to stormwater runoff:

- Pick up and properly dispose of pet waste.
- Clean up vehicle fluid or fuel leaks and spills.
- Properly dispose of hazardous substances such as automotive oil, cooking oil, paint, cleaners, etc.
- Apply pesticides, herbicides, and fertilizers per the manufacturer's specifications.