

Alexandria, Annandale, Loudoun & Woodbridge Campuses

Municipal Separate Storm Sewer System Annual Report

For

General Permit No. VAR040095

Permit Year

July 1, 2019 through June 30, 2020

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, 2020



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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.2.a)

Permitee Name: Northern Virginia Community College

System Name: Virginia Community College System

Permit Number: VAR040095

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

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

July 1, 2019 through June 30, 2020

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: Steven M. Patterson

Title: Chief Facilities Officer

Signature: Date: 9-30-2020

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

<u>Include information for each annual reporting item specified in Part I.E:</u>

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

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 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 described in Table 2.

Ta	Table 2: High Priority Stormwater Issues					
#	Stormwater Issue	Strategy	Communication	Completion Status		
1	Public education on stormwater runoff	Signage	Permanent interpretative sign installed at a bioretention facility on the Annandale campus	☐ Yes ⊠ No		
2	TMDLs and Local Impaired Waters	Signage	Storm drain stenciling on the Loudoun campus	☐ Yes ⊠ No		
3	Good Housekeeping and Pollution Prevention	Traditional written materials	Parking Lot Flyer posted on bulletin boards on the Woodbridge campus	☐ Yes ⊠ 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 measurable goals completed in accordance with the MS4 Program Plan?

☐ Yes ☒ No (Due to COVID-19 the Public Education Activities were not able to be completed. Documentation is provided in Appendix A.)



Are	the l	MS4 Program	n me	asurable goals eff	ective?						
\boxtimes	Yes	(Effective)		No (Ineffective,	necessary	changes	to	the	MS4	Program	are
incl	uded	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 ☒ No

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

If yes, were responses provided? \square Yes \square No

A webpage address to the MS4 program and stormwater website:

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

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 3.

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



Table 3: Public Involvement Activities Implemented						
Activity Description	Metric	Collaboration & Category	Beneficial			
Storm Drain Marking at the Green Festival - Cancelled due to COVID-19	NA	NA/Pollution Prevention	☐ Yes ⊠ No			
Booth at Earth Day Event at Alexandria Campus - Cancelled due to COVID-19	NA	NA/Educational	☐ Yes ⊠ No			
Booth at Native Plant Symposium - 3/6/2020	150	No/Educational	⊠ Yes □ No			
Booth at Sustainability Week - 10/21/2019	25	No/Educational	⊠ Yes □ 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 4.

Table 4	Table 4: 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?	☐ Yes☐ No☒ Not Applicable					
2.1	Is the effective MS4 permit and coverage letter on the webpage?	☑ Yes☐ No					
2.1	Is the most current MS4 Program Plan on the webpage?	☑ Yes☐ 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?	☑ Yes☐ No☐ Not Applicable(First permit year)					
2.1	Is there a mechanism for the public to report potential illicit discharges, improper disposal or spills to the MS4, complaints	⊠ Yes□ No					



	regarding land disturbing activities or other potential stormwater	
	pollution concerns on the webpage?	
2.1	Is there a method for how the public can provide input of the MS4	⊠ Yes
2.1	Program Plan on the webpage?	□ No
2.1	Is the latest Virginia Community College System Annual	⊠ Yes
2.1	Standards and Specifications on the webpage?	□ 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 measurable goals completed in accordance with the MS4 Program Plan?
\square Yes \boxtimes No (Due to COVID-19 two Public Involvement Activities were not able to be
completed. Documentation is provided in Appendix B.)

Are the MS4 Program measurable goals effective?

 \boxtimes Yes (Effective) \square 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 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 () ☒ Not Applicable (No changes required)
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? \boxtimes Yes \square No (
The number of outfalls screened during the reporting year as part of the dry weather screening program is 59. 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 5) □ No

Table 5: Illicit Discharges

Illicit Discharge #1

Part I.E.3.e(3)(a) Source: Sediment entered the Loudoun campus property at outfall LO-2 from an offsite underground stormwater detention facility being cleaned out by Loudoun County Department of General Services Stormwater Management Program.

Part I.E.3.e(3)(b) Date Observed & Date Reported: 9/25/2019

Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe): Reported by Campus Facility Manager from a daily operations observation.

Part I.E.3.e(3)(d) Investigation Resolution: Loudoun County was contacted and an agreement made to rectify the illicit discharge from the offsite property.



Part I.E.3.e(3)(e) Description of Follow-up Activities: Loudoun County removed the sediment from the LO-2 outfall, pipe and along the drainage ditch.

Part I.E.3.e(3)(f) Date Investigation Closed: 1/16/2020

Illicit Discharge #2

Part I.E.3.e(3)(a) Source: Cement slurry entered the Loudoun campus property at LO-2 from an offsite repair operation by the Loudoun County Department of General Services Stormwater Management Program of an off-site underground detention facility involving the spraying of a cement liner inside of a corrugated pipe. Waste water containing cement was being filtered in a sediment bag and into the storm sewer.

Part I.E.3.e(3)(b) Date Observed & Date Reported: 11/15/2019

Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe): Reported by Facility Management staff from a daily operations observation.

Part I.E.3.e(3)(d) Investigation Resolution: Loundoun County was contacted and an agreement made for the contractor to rectify the illicit discharge from the offsite property.

Part I.E.3.e(3)(e) Description of Follow-up Activities: The contractor pumped out the cement slurry from the water at the outfall, in the drainage ditch that flows to Pond 1 and at the outfall to the Pond 1. Waste material was taken offsite for disposal. The contractor installed a new sediment bag, booms on the offsite property and booms on NOVA property.

Part I.E.3.e(3)(f) Date Investigation Closed: 11/18/2019

Illicit Discharge #3

Part I.E.3.e(3)(a) Source: Sediment from a parking meter removal project at the B-1 parking lot on the Loudoun campus was not adequately removed and a rain event washed the sediment into the gutters which drain to outfall LO-17.

Part I.E.3.e(3)(b) Date Observed & Date Reported: 6/24/2020

Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe): Reported by Facility Management staff from a daily operations observation.

Part I.E.3.e(3)(d) Investigation Resolution: The Project Manager responsible for the parking meter installation was notified and reminded how important it is to ensure that stockpiles are properly removed and sediment swept up in a timely manner prior to a rain event.

Part I.E.3.e(3)(e) Description of Follow-up Activities: The sediment was swept up with a vacuum sweeper and shovels by NOVA staff.





Part I.E.3.e(3)(f) Date Investigation Closed: 6/29/2020

2.3.4. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 6.

Table	Table 6: MS4 Program Plan BMP Measurable Goals for MCM #3						
BMP	Measurable Goal	Completeness Status					
3.1	Was a GIS compatible shapefile submitted to DEQ?	Completed					
3.1	Was written notification provided to any downstream adjacent MS4 of any known interconnection established or discovered during the permit reporting year?	 ☐ Yes ☒ Not Applicable (No new or discovered) ☐ No 					
3.2	Did all students, faculty and staff have access to the Pollution Prevention Policy #303 and Stormwater Pollution Prevention Policy #308?	⊠ Yes □ No					
3.3	Were illicit discharge detection and elimination procedures implemented, enforced and documentation maintained?	⊠ Yes□ 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:

We	re all MCM #3 me	easur	able goals comple	ted in accor	dance with	the MS4 I	Program Pl	an
\boxtimes	Yes □ No ()						
Are	the MS4 Program	n me	asurable goals eff	ective?				
\boxtimes	Yes (Effective)		No (Ineffective,	necessary	changes to	the MS4	Program	are
incl	uded 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?

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:

If no is checked above, an explanation as to why a project did not conform to the approved standards and specifications are provided in Table 7.

Table 7: Project(s) Not in Conformance with Approved Standards and Specifications

Project Name: Not Applicable Explanation: Not Applicable

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 36.



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.

The total number of Notices of Violation (Red flags) issued is 0.

The total number of Stop Work Orders (Black flags) issued is 0.

2.4.4. MCM #4 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:

Wer	re all MCM #4 me	asur	able goals completed in accordance with the MS4 Program Plan
□ '	Yes □ No ()	
Are	the MS4 Program	me	asurable goals effective?
\boxtimes	Yes (Effective)		No (Ineffective, necessary changes to the MS4 Program are
incl	uded 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 in compliance with the Virginia Stormwater Management Act and VSMP Regulations 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	reportin	ıg
year?	⊠ Yes □	No								

The total number of inspections conducted on stormwater management facilities are 43.

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	stormw	vater
mana	gement (SV	VM) facilities	during t	the reportion	ng year?					

\square Yes \square No () \boxtimes Not Applicable (No significant maintenance req	iire	d	l)
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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 8.

Table 8: Maintenance Activities Performed on Stormwater Management Facilities			
Stormwater	Significant Maintenance Activity		
Management Facility			
Not Applicable	Not Applicable		



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?

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?

\boxtimes	Yes, <u>Date Submitted</u> :	9/29/2020 E	□ No ∟	Not Applica	ble (No quali:	fying structura
SW	VM facilities constructe	ed.)				



2.5.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 9.

Table 9: 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?	☑ Yes☐ No					
5.2	Was the stormwater management facility tracking database updated?	⋈ Yes□ Not Applicable (No new or discovered)□ 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:

	re all MCM #5 me Yes □ No (able goals completed in accordance with the MS4 Program Plan	
Are	the MS4 Program	n me	asurable goals effective?	
\boxtimes	Yes (Effective)		No (Ineffective, necessary changes to the MS4 Program ar	
incl	uded 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?

 \boxtimes Yes (Refer to Table 10) \square No (No modifications required.)

Table 10: Good Housekeeping Operational Procedures Developed or Modified

1. Language added to Salt Storage/Operation procedures.

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 accord	rdance Part I E 6 c 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	Not Applicable				

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

A summary of any SWPPs 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 an un	nauthorized discharge, release or spill reported?
☐ Yes (Refer to Table 12) ☐ No () Mot Applicable (No modification required.)
Were any high priority facilities delistreporting period?	sted in accordance with Part I.E.6.h during the
☐ Yes (Refer to Table 12) ☒ No	

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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 12.

Table 12: SWPPPs Modified or Delisted				
SWPPPs Modified/Delisted	Rationale for Delisting			
Not Applicable	Not Applicable			

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?						
\square Yes (Refer to Table 13) \square No () 🗵 Not Applicable (Existing NMPs in place					
No new NMPs required this reporting yea	r.)					

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:

If yes is checked above, the location and total acreage of the land area for any newly developed nutrient management plan is provided in Table 13.

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

The date of the approved nutrient management plan:

If yes is checked above, the approval date of any newly developed nutrient management plan is provided in Table 13.

Table 13: New Turf and Landscape Nutrient Management Plans				
Location	Total Acreages Date Appro			
Not Applicable	Not Applicable	Not Applicable		



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:

Was training conducted	ed?	
☐ Yes ☐ No () 🛛	Not Applicable (Not required this reporting year.)

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:

If yes is checked above, the date of the training event is provided in Table 14.

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

The number of employees who attended the training event:

If yes is checked above, the number of employees who attended the training event is provided in Table 14.

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

The objective of the training event:

If yes is checked above, the objective of the training event is provided in Table 14.

Table 14: Train	ing Events	
Date	# of Attendees	Training Objective
Not Applicable	Not Applicable	Not Applicable



2.6.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 15.

Table	15: 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?	 ☐ Yes ☒ Not Applicable (Not required this reporting year) ☐ No 					
6.2	Was the annual comprehensive compliance evaluation conducted?	☑ Yes☐ No					
6.2	Was the SWPPP reviewed within 30 days after an unauthorized discharge, release or spill reported?	✓ Yes☐ Not Applicable(Not required)☐ No					
6.2	Was the SWPPP updated within 90 days after an unauthorized discharge?	☐ Yes☒ Not Applicable(Not required)☐ 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?	☐ Yes ☑ Not Applicable (MS4 campuses are high priority facilities.) ☐ No					
6.3	Was the nutrient management plan implemented through completion of application records?	☑ Yes☐ Not Applicable(No nutrients applied)☐ No					
6.4	Were all signed contracts executed with contract good housekeeping and pollution prevention language?	⋈ Yes□ No					
6.5	Did all signed contracts executed for pesticide and herbicide application maintain proof of certifications on file?	⊠ Yes					



		☐ Not Applicable
		(No contracts
		executed)
		□ No
		⊠ Yes
	Did training occur and were proof of certifications maintained	☐ Not Applicable
6.6	on file for employees performing pesticide and herbicide	(No employees
	applications?	applied nutrients.)
		□ No
,	2.6.7. MCM #6 Evaluation (Part I.D.2.e)	
	Review the MCM to determine the MS4 Program's effectiver	ness 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?	
	\boxtimes Yes \square No ()	
	Are the MS4 Program measurable goals effective?	
	\boxtimes Yes (Effective) \square No (Ineffective, necessary changes to	o the MS4 Program are
	included 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 BMP	s implemented	during the r	eporting p	period	but not r	eported to	the D	EQ
BMP	Warehous	se in accordanc	e with Part I	.E.5.g? □] Yes	(Refer to	Table 16) 🗆 '	No
) 🛭 No	t Applicable (E	existing BMP	s meet req	uired	5% reduct	tions. Refe	r to Ta	ble
16)									

The estimated reduction of pollutants of concern achieved by each BMP reported in pounds per year is provided in Table 16.

Table 16: Chesapeake Bay TMDL Action Plan POC Reductions						
BMP #1: Existing BMPs						
TN (lbs./yr.) TP (lbs./yr.) TSS (lbs./yr.)						
Required 5% Reduction (lbs.) =	11.13	1.50	1,290.12			
Provided Reduction (lbs.) =	11.89	2.62	1,363.12			
Provided lbs. of material swept: <u>25,428 lbs.</u> =	44.50	17.80	5339.88			

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

If the permitee 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? \square Yes \boxtimes No



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 17.

Table	17: 2019 – 2023 Chesapeake Bay T	MDL Action Plan Implementat	tion Schedule
Step	General Description	Measurable Goal	Completion Date
1	5% reduction requirement	Completed tracking	⊠ Yes (July 2019)
	complete. Evaluate lbs. swept.	documentation?	□ 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 18.

Table 18: Chesapeake Bay TMDL Action Plan BMPs Planned for next reporting year

None. Reduction satisfied by existing BMPs.

3.1.5. Chesapeake Bay TMDL Action Plan Measurable Goals

The Chesapeake Bay TMDL Action Plan measurable goals are provided in Table 19.

Table	Table 19: Chesapeake Bay TMDL Action Plan Measurable Goals					
#	Measurable Goal	Completeness Status				
1	Were public comments considered during the required 15-day comment period?	 ☐ Yes ☒ Not Applicable (Not required this reporting year) ☐ No 				
2	Were cost effective BMPs selected to support model quantification to achieve the required pollutant reductions?	☑ Yes☐ Not Applicable (Not required this reporting year)☐ No				
3	Was the required pollutant reduction reached for this reporting year?	⋈ Yes□ 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:

Acti	re all measurable ion Plan? Yes No (ls completed in	accordance	with the	Chesa	peake	Bay TM	IDL
Are	the MS4 Program	ı mea	asurable goals eff	fective?					
\boxtimes	Yes (Effective)		No (Ineffective,	necessary	changes	to the	MS4	Program	are
incl	uded in Section 1.	5.)							



3.2. Local TMDL Action Plans

3.2.1. Neabsco Creek Watershed Bacteria TMDL Implementation (Part II.B.9)

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 20.

Table 20: Neabsco Creek Watershed Bacteria TMDL Action Plan Summary of Actions						
BMP	Summary of Actions	Progress Status				
1	Assess target audience's knowledge through quizzes at the end of training sessions, as described in NOVA's PEOP	Quizzes removed in the April 2020 revision.				
2	Maintain Bacteria TMDL Action Plan on website	Completed				
3	Reported/observed potential bacteria illicit discharges resolved	Ongoing. None Observed.				
4	Screened outfalls with potential bacteria discharges investigated and resolved	Ongoing. None Observed.				
5	Publicly reported potential bacteria illicit discharges resolved	Ongoing. None Reported.				
6	Reported potential bacteria illicit discharges from construction activities resolved	Ongoing. None Reported.				
7	Ensure SWPPPs provided for applicable construction sites	Completed				
8	Verify land disturbance projects are compliant with VSMP Stormwater Management Regulations	Completed				
9	Annual inspection of all stormwater management facilities. Maintenance performed on facilities, as deemed necessary from inspection.	Completed				
10	Reduction, over time, of items of concern resulting from annual SWPPP inspections.	Removed this BMP in the April 2020 revision.				
11	Increase, over time, in the "knowledge score" resulting from quizzes given during training events.	Removed this BMP in the April 2020 revision.				
12	Elimination of bacteria related illicit discharges from contractor activity	Ongoing. None Reported.				
13	Implementation of Action Plan BMPs beyond those described in the Minimum Control Measure BMPs: prohibition of potential sources; increased frequency of staff training & enhanced public education and outreach plan	Ongoing. Removed increased training in the Program Plan and Action Plan in April 2020 revision.				



Were all measurable	goal	ls completed in	n accordance	with	the	Neabsco	Creek	Bacteria
TMDL Action Plan?								
)							
Are the MS4 Program	mea	asurable goals e	effective?					
		No (Ineffectiv	e, necessary	chang	ges t	o the M	S4 Pro	gram are
included in Section 1.	5.)							



3.2.2. Accotink Creek Watershed Sediment TMDL Implementation (Part II.B.9)

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

Accotink Creek Watershed Sediment TMDL Action Plan is not due until May 1, 2021.



3.2.3. Accotink Creek Watershed Chloride TMDL Implementation (Part II.B.9)

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

Accotink Creek Watershed Chloride TMDL Action Plan is not due until May 1, 2021.



Appendix A: Documentation of Public Education and Outreach Activities



ORDER **CONFIRMATION**

Invoice #: 20-01302 Your PO: EP3147231 Date: 2/11/2020

Bill To: Ship To:

VIRGINIA COMMUNITY COLLEGE'S SHARED SERVICES NORTHERN VIRGINIA COMMUNITY COLLEGE-WAREHOUSE

147 DALEVILLE DR

ATTN: ACCOUNTS PAYABLE DALEVILLE, VA 24083

LARESSA WONG

8333 LITTLE RIVER TURNPIKE

CENTRAL RECEIVING WAREHOUSE

ANNANDALE, VA 22003 Phone: 703-323-3425

PO #: EP3147231

Contact: LARESSA WONG 703-425-0821

Ship Date		Ship Via	Shipping Terms	Terms				FOB	
	ART	Best Way	PrePay & Add		Net 30		А	Arlington, TX	
Line #	Part Number & Size	Product Name			Quantity P		Price	Extended Amount	
1	CC23NVCAMPUS	OVAL CRYSTAL CAP MARKER CAMPUSES, DIGITAL PRINT,			385	EA	\$3.2	1 \$1,235.85	
	2" X3"								
2	SET-UP	SET-UP CHARGES			1	EA	\$70.0	970.00	
3	ADMIN	Alexandria Campus: Quantity: 75 markers Custom Text: Fairfax County, V	A / Four Mile Run		75	EA	\$0.0	0 \$0.00	
4	SIKA-11	ADHESIVE, SIKAFLEX 10.3 OL	JNCE TUBE		8	ТВ	\$9.0	0 \$72.00	
	10.3 OZ								
5	ADMIN	Woodbridge Campus: Quantity: 30 markers Custom Text: Prince William Co	unty, VA / Neabsco Cree	ŀk	30	EA	\$0.0	0 \$0.00	
6	ADMIN	Loudoun Campus: Quantity: 100 markers Custom Text: Loudoun County,	VA / Potomac River		100	EA	\$0.0	0 \$0.00	
7	ADMIN	Medical Education Campus (N Quantity: 20 markers Custom Text: Fairfax County, V	•		20	EA	\$0.0	\$0.00	

Welcome, Stonehouse customers! Please note the new remit-to name and address

ACP International 521 N Great Southwest Parkway Arlington, Texas 76011 817-640-0992

To arrange ACH and electronic payments: Contact Autumn Edens 817-640-0992 Ext: 398 autumn@acpinternational.com

Thank You For Your Order! We appreciate your business.

521 N. Great Southwest Pkwy, • Arlington TX 76011 • Phone: 817-640-0992

Printed On: 02/11/20, 2:37:16 pm

Flyer developed, but not able to install on campus.

Parking Lot Pollutants

WHEN YOU LEAVE A PARKING SPACE...

Do you leave Trash or Fluids behind?

These Pollutants

end up in storm drains and sewers...

Polluted storm water often flows directly to a River causing disease and harm to wildlife and the environment.

Help Improve Stormwater Run Off!

- ☑ Place *litter and cigarette butts* in trash receptacles.
- ☑ Promptly repair vehicle leaks.
- ☑ Take your car to the *car wash* instead of washing it in a driveway or parking lot.

To report a potential illicit discharge or improper disposal at



Contact Facilities Management on your campus or email: stormwater@nvcc.edu

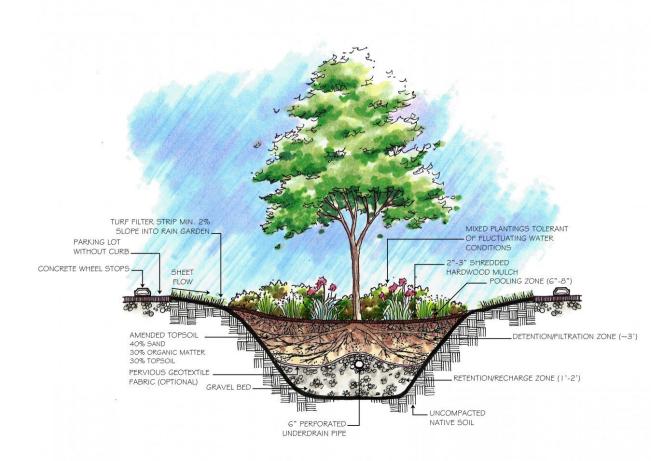
Interpretive Sign Rough Draft Development

Bioretention Basin – A Natural Filter or keeping our water ways clean with the help of Mother Nature

A bioretention basin, also known as a rain garden, is typically a shallow depression in the terrain designed to collect stormwater and reduce pollution runoff by acting as filter for the water entering the Chesapeake Bay tributaries. A bioretention basin usually consists of a soil bed planted with native species that uptake pollutants, in the form of nutrients, pesticides and oils from stormwater runoff. Stormwater is filtered after it enters the basin and begins to infiltrate through the soil layer, slowing the flow of water, and allowing pollution in the form of excess nutrients suspended in the water to be absorbed by the vegetation.

Design criteria: the basic design parameter

Native Plant Species -



From: Patterson, Steven M. **ALL FPSS STAFF** To:

All Facilities Managers; Thompson, Cory F. Cc:

Subject: AN campus closing

Date: Thursday, March 12, 2020 9:39:34 AM

Attachments: image001.png

image002.png

Folks.

College is closed thru Sunday (not Monday). Everyone needs to leave the AN campus, unless retained for emergency operations. Since CW follows the AN campus status, state employees may go home. If you are a full-time state employee and want to work remotely or at another campus, that is fine. For Heery folks please work at another campus or home.

At AN all work (service work, service contractors, and construction projects) has been turned off thru Sunday. We are proceeding with focused campus cleaning.

Let me know if you have questions (mobile 703-328-0499). Monitor the website for more updates. Thanks for your flexibility and adaptability in this dynamic situation.

Be Safe,

Steven M. Patterson, PE, CFM

Director of Facilities Facilities Management

Annandale / CW Building 8333 Little River Turnpike, CW Building Suite 312, Annandale, VA 22003 703.323.3554 / spatterson@nvcc.edu / nvcc.edu



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From: Hilbert, Pamela T.

ANNANDALE FACULTY AND STAFF To:

Subject: a note from me to you, and a Letter from VP Student Services to students

Date: Monday, March 16, 2020 8:15:06 AM

Attachments: image002.jpg

image003.jpg

Good morning.

Thank you for much work already done to get our classes online or otherwise set up for remote instruction and for planning for best practices in providing other services to students remotely. There is still much to be done, but I am confident we will provide excellent service to our students regardless of the circumstances.

Please see below a message that went to all students yesterday from VP Frances. <u>Our students are</u> already looking for messages from faculty for each of their classes explaining how to access the classes and what is expected of them during this remote learning period. They may also be contacting assigned advisors with questions.

The Administrative Council continues to monitor the news and the local situation. We will be discussing in the next two weeks whether or not an extension is needed past April 4 and all will be notified by March 27 of any extension.

Meanwhile, as we know from last week's experience at Annandale Campus, anything can change in a minute. Therefore, please make sure that today you take home anything from your office that you need to do your work and anything personal that should not be left, such as valuables, plants that need water, or food that would spoil.

Sincerely, Pam

> Pam Hilbert, Ed. D. Provost Annandale Campus Northern Virginia Community College 8333 Little River Turnpike, CG202 Annandale, VA, 22003-3796 (703)503-6383

From: "Villagran-Glover, Frances" < fvillagranglover@nvcc.edu >

Date: Sunday, March 15, 2020 at 5:10 PM

To: "nv-students-2202@lists.vccs.edu" <nv-students-2202@lists.vccs.edu>

Subject: Letter from VP Student Services-We care about you

Dear NOVA Nighthawk Students,

I am reaching out to you as your Vice President of Student Services.

By now, you should have received communication indicating that you will be taking classes remotely and not on campus until April 4. This is a direct impact of the COVID-19 pandemic. The core of a NOVA Nighthawk college education teaches creative problem-solving skills, agility, and an eagerness to work effectively together. This period of remote learning will be a challenge, but it is a challenge that we will meet together. We will rise to the occasion - way above – and achieve our goals. NOVA understands that this is a time of great uncertainty, but one thing you can be certain of is our dedication and commitment to your success.

As an educator and a mom of seven children, some currently in school and others beyond, I get it; I understand first hand some of the challenges you may be experiencing professionally and personally. Know that all of us at NOVA put you and your success first. This is a stressful time, and we are committed to making it possible for you to continue your NOVA education. Your faculty and your college will be flexible and responsive. You matter and we care.

Please keep the lines of communication with your faculty members and advisors open. If you don't have an advisor, let me know and I will connect you with someone who can and will provide the support you need. We care about you, so please don't hesitate to ask for help.

Continue to pay attention to the <u>NOVA COVID-19</u> website in the days and weeks ahead. It is updated twice daily, at 11 am and 3 pm. This site contains information on how you can get support inside and outside the classroom. And always remember that questions or comments can be sent to <u>studentservices@nvcc.edu</u> or me directly.

Take care NOVA Nighthawks,



Frances Villagran-Glover, D.A.

Vice-President of Student Services
Brault Building
4001 Wakefield Chapel Road, Annandale, VA 22003
703.425.0804 / fvillagranglover@nvcc.edu



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myNOVA



NORTHERN VIRGINIA COMMUNITY COLLEGE IMPLEMENTS REMOTE LEARNING PLAN

March 11, 2020

Home (/) News (../../index.html)

Press Releases (../index.html) 2020 (index.html)

Northern Virginia Community College Implements Remote Learning Plan

Out of an abundance of caution and in support of CDC guidance regarding social distancing during the Novel Coronavirus (COVID-19) outbreak, Northern Virginia Community College (NOVA) will shift to remote learning. Students should take precautionary measures and not return from spring break. NOVA classes will be cancelled on March 16 and March 17 to allow for the transition. Most classroom instruction will be conducted virtually from Wednesday, March 18 until April 4.

Students taking courses that do not have a remote learning option (ex. clinical, labs, and internships) should check with their instructors for alternative plans.

Currently, there are no known COVID-19 cases on our campuses. However, there are more than 20 confirmed cases in the D.C.-Maryland-Northern Virginia region. NOVA is implementing this remote learning policy to mitigate the risk of transmission. NOVA is also implementing a self-quarantine requirement for individuals who have traveled to countries for which the CDC has issued a Level 2 or 3 Travel Warning.

Consistent with CDC guidelines, students, faculty, and staff returning from travel, whether personal or professional, to any country for which the CDC has issued a Level 2 or 3 Travel Warning related to COVID-19 must self-quarantine for 14 days. The self-quarantine is required whether or not the individual is exhibiting symptoms. During the quarantine, access to NOVA Campuses and participation in activities is prohibited.

Campus Operations:

NOVA Campuses will remain open unless otherwise noted. Keeping NOVA open allows faculty to develop and deliver lessons and materials electronically, thus maintaining continuity of teaching and learning. It also lets staff and administrators continue to provide services to help with additional response efforts. In certain instances, an employee may need to work remotely and is advised to contact their supervisor.

NOVA continues to monitor the situation and will provide updates when warranted. At this time, prevention and preparation are the best courses of action, and NOVA encourages all students, faculty, staff, and community members to follow the CDC recommended hygiene and social distancing practices. Further updates will be made by March 27 if NOVA decides to extend remote learning beyond April 4.

Student Organizations, Activities, and Events:

Student safety is NOVA's priority. Effectively immediately, all in-person student-organized activities will be suspended until April 4. Student Services will work with student organizations that need assistance in rescheduling events.

Resources:

If you have any emergency services implementation questions, please contact the Office of Emergency Management at OEM@nvcc.edu (mailto:OEM@nvcc.edu). For media inquiries, please contact Hoang Nguyen, Public Information Officer at https://doi.org/10.1007/journal.edu (mailto:hdguyen@nvcc.edu).

For more information from the Virginia Department of Health and the CDC on (COVID-19), please see links below:

VDH - Fact Sheet for Coronaviruses
 (http://www.vdh.virginia.gov/epidemiology/epidemiology-fact-sheets/coronaviruses/)

- CDC 2019 Novel Coronavirus FAQ (https://www.cdc.gov/coronavirus/2019ncov/faq.html)
- CDS 2019 Novel Coronavirus (https://www.cdc.gov/coronavirus/2019ncov/index.html)
- World Health Organization Novel Coronavirus (2019-nCoV)
 (https://www.who.int/emergencies/diseases/novel-coronavirus-2019)

Northern Virginia Community College is the largest institution of higher education in the Commonwealth of Virginia and one of America's largest community colleges. NOVA enrolls more than 75,000 students at its six campuses in Alexandria, Annandale, Loudoun, Manassas, Springfield and Woodbridge, and through NOVA Online. For more information about NOVA and its programs or services, call 703-323-3000 or visit the College's Web site, www.nvcc.edu (http://www.nvcc.edu/).

QUESTIONS?

Call 703.323.3000 (tel:7033233000)

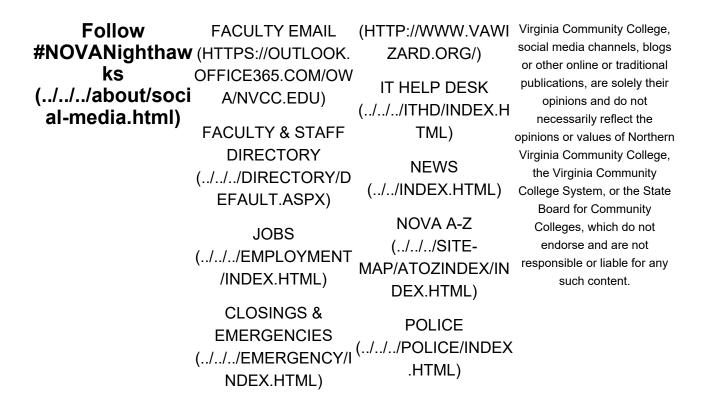
EMAIL (MAILTO:INFORMATION @NVCC.EDU)

CHAT
(HTTPS://SUPPORT.NVC
C.EDU/CHAT/FRMCLIEN
TPRECHAT.ASPX?
CONFIG=1)



ADDITIONAL LINKS

VIRGINIA EDUCATION WIZARD All opinions expressed by individuals purporting to be a current or former student, faculty, or staff member of this institution, on websites not affiliated with Northern



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WEBSITE CORRECTIONS (HTTPS://WWW.NVCC.EDU//WEBFORMS/WEBFEEDBACK/) - Help NOVA make our website better by sending us any corrections!



Appendix B: Documentation of Public Involvement Activities



NOVA's Annual GREEN FESTIVAL 2020

WASTE AND ITS IMPACT ON HABITATS

Wednesday, April 15, 2020 9:00 a.m. – 3:00 p.m. Annandale Campus – CE Building

Keynote Speaker: Chad Pregracke – 9:30 a.m. CE Theater **Cleaning America's Rivers**

Everything Counts / Waste Prevention / Habitat Loss – 10:30 a.m. CE Theater

Richard Reynolds, Wildlife Biologist, VDGIF – 11:00 a.m. CE Theater

Bats and Wind Energy Development

Lunch and Panel Discussion - 12:00 p.m. CE Forum

Raptor Lecture / Live Birds – 1:00 p.m. CE Forum **Secret Garden Birds and Bees**

Information Fair - 10:00 a.m. - 3:00 p.m. Seminar Rooms

Your Keynote Speaker: Chad Pregracke

Chad Pregracke, the 2013 CNN Hero of the Year, is proof that one person can make a difference. At the age of 17, Chad started on a crusade to clean up the Mississippi river. Since then Chad's hard work, vision, humor, and leadership has evolved into a cultural movement that had resulted in 11 million pounds of garbage being cleaned out of America's rivers with over 100,000 volunteers and dozens of global corporations coming aboard to lend a hand.

Chad's not-for-profit organization, **Living Lands & Waters**, was started in 1998 and has evolved to be the only "industrial strength" river organization like it in the world with a multi-million dollar operation. Chad remains the driving force behind the organization and divides his time between living on a house-barge with his crew and living with his wife Tammy at their river home on the Mississippi.



Free and open to the public, with open parking in all B lots and the campus garage. For additional information and to register, visit www.nvcc.edu/green-festival/2020





ORDER **CONFIRMATION**

Invoice #: 20-01302 Your PO: EP3147231

Date: 2/11/2020

Bill To: Ship To:

VIRGINIA COMMUNITY COLLEGE'S SHARED SERVICES

147 DALEVILLE DR

ATTN: ACCOUNTS PAYABLE DALEVILLE, VA 24083

NORTHERN VIRGINIA COMMUNITY COLLEGE-WAREHOUSE

LARESSA WONG

8333 LITTLE RIVER TURNPIKE

CENTRAL RECEIVING WAREHOUSE

ANNANDALE, VA 22003 Phone: 703-323-3425 PO #: EP3147231

Contact: LARESSA WONG

703-425-0821

Ship Date		Ship Via	Shipping Terms	Terms			FOB		
	ART	Best Way	PrePay & Add	Net 30			Α	Arlington, TX	
Line #	Part Number & Size	Product Name			Quantity		Price	Extended Amount	
8	ADMIN	Manassas Campus: Quantity: 60 markers Custom Text: Prince William County, VA / Bull Run			60	EA	\$0.00	\$0.00	
9	ADMIN	Annandale Campus: Quantity: 100 markers Custom Text: Fairfax County, V	A / Accotink Creek		100	EA	\$0.00	\$0.00	

Intended to have students install.

This is to confirm that we have received your order. If you note any discrepancies please contact me at once. An invoice will follow when your order has shipped.

Nathan Haymon

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Printed On: 02/11/20, 2:37:16 pm

From: Johnson, Robert
To: Johnson, Robert
Cc: Robinette, Cheryl A.

Subject: Cancelled - NOVA Green Festival 2020

Date: Monday, March 16, 2020 11:00:42 AM

Attachments: <u>GreenFestival-Flyer-2020.pdf</u>

I regret to inform you that the College's Green Festival is cancelled (4/15).

As we have held a Fall Environmental Event in October the last few years, I hope we can reschedule this event format or something similar for then.

Thank you

Rob Johnson
Director of Sustainability & Auxiliary Services
Northern Virginia Community College
703-425-5753 Office
rojohnson@nvcc.edu

From: Johnson, Robert

Sent: Wednesday, March 4, 2020 12:53 PM **To:** Johnson, Robert <rojohnson@nvcc.edu> **Cc:** Robinette, Cheryl A. <crobinette@nvcc.edu>

Subject: NOVA Green Festival 2020

Greetings!

With Spring nearly upon us, please mark your calendar and plan to join us for Northern Virginia Community College's **2020 Green Festival**, scheduled for **9 a.m. – 4 p.m.**, **Wednesday, April 15, 2020, at NOVA's Annandale Campus**. The theme for this year's event is "Waste and its impact on habitats.".

As many of you are aware, the purpose of NOVA's Annual Green Festival is to increase both the college and local community awareness of regional, national, and global environmental issues and provide information regarding ways that individuals can help preserve the environment. Participants at this community event will include faculty, staff, students and local community members. While our target audience is high school and college students, the event is free and open to the public.

The festival will be a combination of presentations, panel discussions, interactive demonstrations, and informational displays. Ideally, it will help the audience to recognize ways they can conserve resources, promote change, and make a difference as individuals. More information is here – www.nvcc.edu/green-festival/2020 (and a printable/distributable

flyer is attached).

As in the past, we invite you to join us for this topical and educational festival. If you have questions or would like to participate as an exhibitor in the information fair or on one of the panels, please contact me or crobinette@nvcc.edu.

And please forward as this event is open to the public!

Thank you!

Rob Johnson
Director of Sustainability & Auxiliary Services
Northern Virginia Community College
703-425-5753 Office
rojohnson@nvcc.edu



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Professionals

HOAs and Condo Associations: Planning and Managing Common Open Space

- Loudoun Edition -

Pick the date that works best for you - the presentations will be the same!

Friday, September 25 1 pm - 4 pm Saturday, October 24 1 pm - 4 pm

or

Click to register

Click to register

Where: via Zoom

Join us for an engaging session on ecologically sustainable community master planning and land management in Loudoun County.

All are welcome, regardless of your county.

Questions? <u>plantnovanatives@gmail.com</u> 703.244.9174

You know the value of native plants, trees, and sustainable landscaping techniques. But now what? What can you do to begin working with your HOA or Condo Association to encourage them to take the next steps in investing in this approach?

Strategic and capital planning that incorporates nature-based design can protect open spaces and bring a focus on vibrant outdoor spaces to your community. Better understanding your community's tree care can ensure a healthy, sustainable tree canopy for decades to come. Learn how natural systems and native plants can beautify community property while supporting wildlife, reducing maintenance issues, and becoming a source of community pride.

In this symposium, you'll:

- · Learn the value of developing a plan to upgrade your community's green infrastructure
- · Understand the hurdles to implementation and strategies for success
- Gain an understanding of trees and native tree communities
- \cdot $\;$ Familiarize yourself with the ins and outs for tree selection for various functions
- Set goals and managing expectations with your Board and community
- Invest in the proper design and planning for native plant gardens
- \cdot $\;$ Plan for the long-term maintenance of the various components of your property
- Hear about examples from communities in and around Loudoun County
- $\,\cdot\,\,$ Brainstorm with and learn from other community associations facing similar challenges

Agenda

1pm - 4pm (with breaks)

- Introduction (Renee Grebe, Audubon Naturalist Society)
- Creating a master plan (Zac Lette, Land Planning and Design Associates)
- Managing natural areas and trees (<u>Kyle Dingus</u>, Loudoun County Urban Forester)
- · Breakout group discussion
- Native plants in a community association setting (<u>John Magee</u>, Landscape Designer)
- Breakout group discussions
- Closing remarks

While you are waiting...see our HOA/Condo Association page!

Our speakers

Renee Grebe

Northern Virginia Conservation Advocate, Audubon Naturalist Society

Renee leads efforts in Northern Virginia to protect watersheds and to respond to the climate emergency. She also serves on Fairfax County's Environmental Quality Advisory Council, is trained as a Master Naturalist, and has considerable experience leading conservation projects within her HOA and removing invasive plants from parkland.

Kyle D. Dingus

Loudoun County Urban Forester Loudoun County Department of Building and Development

Kyle has a Forestry degree from Virginia Tech with the option of Forest Resources Management. Prior to working for the County he served five years as an Area Forester for the Virginia Department of Forestry covering Loudoun, Fauquier, Prince William, Culpeper and Rappahannock Counties. He enjoys promoting forests and works with the motto of "safe infrastructure and happy trees."

Zac Lette, RLA, ASLA Vice President of Land Planning and Design Associates (LPDA)

Leading LPDA's Metro Area's office, Zac is involved in the management and design of projects throughout the Baltimore and Washington regions. Throughout his career, Zac has worked on a variety of projects of significant diversity including, mixed use, urban design and planning, community planning, institutional, parks, trails and greenways. LPDA has been assisting HOA's throughout the region in the master planning, approvals and implementation of landscape and capital improvements.

John Magee

President - Magee Design

John has been designing and building landscapes in the Washington DC Metro area and beyond for the past 25 years. He owns and operates award winning Magee Design in Middleburg, VA and is the creator and host of the award winning Native Plant Podcast.

Loudoun residents only:

Greening your Neighborhood

Join the Audubon Naturalist Society this fall (and beyond) for a special, free Loudoun County program to help you lead ecological change in your community. You'll commit to two half-day workshops, a tour of green infrastructure projects in Loudoun, and to completing a conservation project. Details here











Help reverse the decline of native plants and wildlife in Northern Virginia by supporting our campaign.

Give

Subscribe to our monthly Native Plant Newsletter

Learn about volunteer opportunities, lectures, meetings and more!

Email Address

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Questions or comments?
Interested in being a campaign partner?

<u>Contact us here</u>

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WO SUSTAINABILITY WEEK - OCTOBER 21-24, 2019

	MON – 10/21	TUE – 10/22	WED - 10/23	THURS - 10/24	
11:00 AM	Green Campus Tour	Green Campus Tour	Environmental Careers	Composting Workshop	
11:30 AM	11-12:30 Info Desk WS	11-12:30 Info Desk WS	Workshop 11-12:30 in 332 WS	11-12:30 in 111 WAC Jonathan Stevens, MPH Master	
12:00	Rob Johnson,	Hunter Barry,	D. Sullivan, Career Advisor		
12:30 PM	NVCC Dir. Sustainability	NVCC WO Student	T.Rosier, STEM Ed.Coord	Gardener - FXBG Food Coop Pres.	
1:00 PM		Repurposing Workshop 1-2pm in 114 WAS		Repurposing Workshop 1-2pm in 114 WAS	
1:30 PM	Movie: The Messenger	Upcycle Corks!		Make Bracelets!	
2:00 PM	1-3:00 Library Reading Room				
2:30 PM	(songbirds, pesticides, climate change)		Green Campus Tour		
3:00 PM		Recycling Workshop	11-12:30 Info Desk WS	Campus & Neabsco Rd CleanUp! 3-5pm Info Desk WS Sponsored by ManUp Wear boots!	
3:30 PM	Window Project WAS Library 3-4:30	3-4:30 in 114 WAS Scott MacDonald	Hunter Barry,		
4:00 PM		Recycling Mgr, PWC	NVCC WO Student		
4:30 PM	(replacing stickers to save the birds)				
5:00 PM	Green Campus Tour	Movie: Plastic Ocean 4:30-6:30 in 114 WAS			
5:30 PM	4:30-6 Info Desk WS	4.30-0.30 III 114 WAS	Vegetarian Potluck Food Tasting		
6:00 PM	Rob Johnson, NVCC Dir. Sustainability	(plastic pollution, water, oceans in danger)	5-6:30 in The Nest WS		
6:30 PM					
7:00 PM			So You're a Vegetarian? Discussion		
7:30 PM			The Nest WS		
8:00 PM	Movie: Age of Consequences		Movie: Wasted	Movie: Just Eat It 7:30-9:30 in 114 WAS	
8:30 PM	7:30-9:30 Lakeside Theatre WS (climate change, national security,		7:30-9:30 in The Nest		
9:00 PM			(trash, waste, food	(trash, waste, food waste, recycling)	
9:30 PM	global issues)		waste, recycling)		
10:00 PM					

NOVA'S FALL 2019 ENVIRONMENTAL FILM FESTIVAL CELEBRATES



Wednesday, October 23, 2019
Annandale Campus
9 a.m. – 3 p.m.
CE Building

9:30 a.m. – 11 a.m. "ALBATROSS" – CE Theater

11:15 a.m. – 12:15 p.m.

Secret Life of Birds and Bees:
Raptor Lecture, Live Owls
CE Forum

11 a.m. – 2 p.m. Exhibitor Hall – CE Seminar Rooms

12:15 Lunch - CE Atrium

12:45 Panel Discussion CE Forum

1:30 p.m. "BIRD OF PREY" CE Theater

PROTECT BIRDS:
BE THE SOLUTION
TO PLASTIC POLUTION



From: Patterson, Steven M. **ALL FPSS STAFF** To:

All Facilities Managers; Thompson, Cory F. Cc:

Subject: AN campus closing

Date: Thursday, March 12, 2020 9:39:34 AM

Attachments: image001.png

image002.png

Folks.

College is closed thru Sunday (not Monday). Everyone needs to leave the AN campus, unless retained for emergency operations. Since CW follows the AN campus status, state employees may go home. If you are a full-time state employee and want to work remotely or at another campus, that is fine. For Heery folks please work at another campus or home.

At AN all work (service work, service contractors, and construction projects) has been turned off thru Sunday. We are proceeding with focused campus cleaning.

Let me know if you have questions (mobile 703-328-0499). Monitor the website for more updates. Thanks for your flexibility and adaptability in this dynamic situation.

Be Safe,

Steven M. Patterson, PE, CFM

Director of Facilities Facilities Management

Annandale / CW Building 8333 Little River Turnpike, CW Building Suite 312, Annandale, VA 22003 703.323.3554 / spatterson@nvcc.edu / nvcc.edu



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From: Hilbert, Pamela T.

ANNANDALE FACULTY AND STAFF To:

Subject: a note from me to you, and a Letter from VP Student Services to students

Date: Monday, March 16, 2020 8:15:06 AM

Attachments: image002.jpg

image003.jpg

Good morning.

Thank you for much work already done to get our classes online or otherwise set up for remote instruction and for planning for best practices in providing other services to students remotely. There is still much to be done, but I am confident we will provide excellent service to our students regardless of the circumstances.

Please see below a message that went to all students yesterday from VP Frances. <u>Our students are</u> already looking for messages from faculty for each of their classes explaining how to access the classes and what is expected of them during this remote learning period. They may also be contacting assigned advisors with questions.

The Administrative Council continues to monitor the news and the local situation. We will be discussing in the next two weeks whether or not an extension is needed past April 4 and all will be notified by March 27 of any extension.

Meanwhile, as we know from last week's experience at Annandale Campus, anything can change in a minute. Therefore, please make sure that today you take home anything from your office that you need to do your work and anything personal that should not be left, such as valuables, plants that need water, or food that would spoil.

Sincerely, Pam

> Pam Hilbert, Ed. D. Provost Annandale Campus Northern Virginia Community College 8333 Little River Turnpike, CG202 Annandale, VA, 22003-3796 (703)503-6383

From: "Villagran-Glover, Frances" < fvillagranglover@nvcc.edu >

Date: Sunday, March 15, 2020 at 5:10 PM

To: "nv-students-2202@lists.vccs.edu" <nv-students-2202@lists.vccs.edu>

Subject: Letter from VP Student Services-We care about you

Dear NOVA Nighthawk Students,

I am reaching out to you as your Vice President of Student Services.

By now, you should have received communication indicating that you will be taking classes remotely and not on campus until April 4. This is a direct impact of the COVID-19 pandemic. The core of a NOVA Nighthawk college education teaches creative problem-solving skills, agility, and an eagerness to work effectively together. This period of remote learning will be a challenge, but it is a challenge that we will meet together. We will rise to the occasion - way above – and achieve our goals. NOVA understands that this is a time of great uncertainty, but one thing you can be certain of is our dedication and commitment to your success.

As an educator and a mom of seven children, some currently in school and others beyond, I get it; I understand first hand some of the challenges you may be experiencing professionally and personally. Know that all of us at NOVA put you and your success first. This is a stressful time, and we are committed to making it possible for you to continue your NOVA education. Your faculty and your college will be flexible and responsive. You matter and we care.

Please keep the lines of communication with your faculty members and advisors open. If you don't have an advisor, let me know and I will connect you with someone who can and will provide the support you need. We care about you, so please don't hesitate to ask for help.

Continue to pay attention to the <u>NOVA COVID-19</u> website in the days and weeks ahead. It is updated twice daily, at 11 am and 3 pm. This site contains information on how you can get support inside and outside the classroom. And always remember that questions or comments can be sent to <u>studentservices@nvcc.edu</u> or me directly.

Take care NOVA Nighthawks,



Frances Villagran-Glover, D.A.

Vice-President of Student Services
Brault Building
4001 Wakefield Chapel Road, Annandale, VA 22003
703.425.0804 / fvillagranglover@nvcc.edu



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myNOVA



NORTHERN VIRGINIA COMMUNITY COLLEGE IMPLEMENTS REMOTE LEARNING PLAN

March 11, 2020

Home (/) News (../../index.html)

Press Releases (../index.html) 2020 (index.html)

Northern Virginia Community College Implements Remote Learning Plan

Out of an abundance of caution and in support of CDC guidance regarding social distancing during the Novel Coronavirus (COVID-19) outbreak, Northern Virginia Community College (NOVA) will shift to remote learning. Students should take precautionary measures and not return from spring break. NOVA classes will be cancelled on March 16 and March 17 to allow for the transition. Most classroom instruction will be conducted virtually from Wednesday, March 18 until April 4.

Students taking courses that do not have a remote learning option (ex. clinical, labs, and internships) should check with their instructors for alternative plans.

Currently, there are no known COVID-19 cases on our campuses. However, there are more than 20 confirmed cases in the D.C.-Maryland-Northern Virginia region. NOVA is implementing this remote learning policy to mitigate the risk of transmission. NOVA is also implementing a self-quarantine requirement for individuals who have traveled to countries for which the CDC has issued a Level 2 or 3 Travel Warning.

Consistent with CDC guidelines, students, faculty, and staff returning from travel, whether personal or professional, to any country for which the CDC has issued a Level 2 or 3 Travel Warning related to COVID-19 must self-quarantine for 14 days. The self-quarantine is required whether or not the individual is exhibiting symptoms. During the quarantine, access to NOVA Campuses and participation in activities is prohibited.

Campus Operations:

NOVA Campuses will remain open unless otherwise noted. Keeping NOVA open allows faculty to develop and deliver lessons and materials electronically, thus maintaining continuity of teaching and learning. It also lets staff and administrators continue to provide services to help with additional response efforts. In certain instances, an employee may need to work remotely and is advised to contact their supervisor.

NOVA continues to monitor the situation and will provide updates when warranted. At this time, prevention and preparation are the best courses of action, and NOVA encourages all students, faculty, staff, and community members to follow the CDC recommended hygiene and social distancing practices. Further updates will be made by March 27 if NOVA decides to extend remote learning beyond April 4.

Student Organizations, Activities, and Events:

Student safety is NOVA's priority. Effectively immediately, all in-person student-organized activities will be suspended until April 4. Student Services will work with student organizations that need assistance in rescheduling events.

Resources:

If you have any emergency services implementation questions, please contact the Office of Emergency Management at OEM@nvcc.edu (mailto:OEM@nvcc.edu). For media inquiries, please contact Hoang Nguyen, Public Information Officer at https://doi.org/10.1007/journal.edu (mailto:hdguyen@nvcc.edu).

For more information from the Virginia Department of Health and the CDC on (COVID-19), please see links below:

VDH - Fact Sheet for Coronaviruses
 (http://www.vdh.virginia.gov/epidemiology/epidemiology-fact-sheets/coronaviruses/)

- CDC 2019 Novel Coronavirus FAQ (https://www.cdc.gov/coronavirus/2019ncov/faq.html)
- CDS 2019 Novel Coronavirus (https://www.cdc.gov/coronavirus/2019ncov/index.html)
- World Health Organization Novel Coronavirus (2019-nCoV)
 (https://www.who.int/emergencies/diseases/novel-coronavirus-2019)

Northern Virginia Community College is the largest institution of higher education in the Commonwealth of Virginia and one of America's largest community colleges. NOVA enrolls more than 75,000 students at its six campuses in Alexandria, Annandale, Loudoun, Manassas, Springfield and Woodbridge, and through NOVA Online. For more information about NOVA and its programs or services, call 703-323-3000 or visit the College's Web site, www.nvcc.edu (http://www.nvcc.edu/).

QUESTIONS?

Call 703.323.3000 (tel:7033233000)

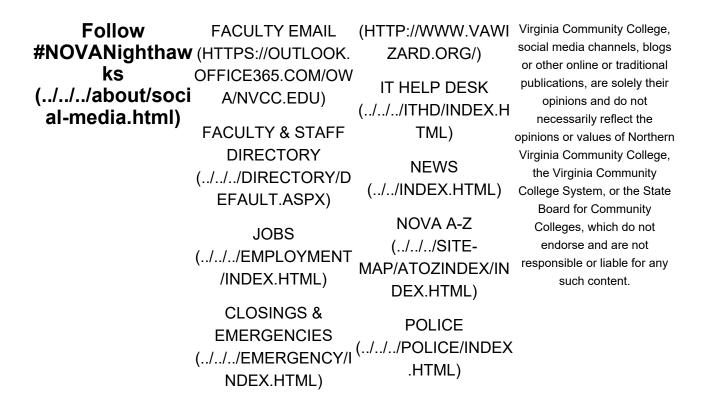
EMAIL (MAILTO:INFORMATION @NVCC.EDU)

CHAT
(HTTPS://SUPPORT.NVC
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ADDITIONAL LINKS

VIRGINIA EDUCATION WIZARD All opinions expressed by individuals purporting to be a current or former student, faculty, or staff member of this institution, on websites not affiliated with Northern



NOVA is part of the VIRGINIA COMMUNITY COLLEGE SYSTEM (HTTPS://WWW.VCCS.EDU/)

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COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY NORTHERN REGIONAL OFFICE

Matthew J. Strickler Secretary of Natural Resources 13901 Crown Court, Woodbridge, Virginia 22193 (703) 583-3800 www.deq.virginia.gov

David K. Paylor Director

Thomas A. Faha Regional Director

October 29, 2020

By Email (<u>dtrimble@nvcc.edu</u>)

Mr. David C. Trimble, P.G.
Environmental Compliance Officer
Northern Virginia Community College
Facilities Planning and Support Services
8333 Little River Turnpike, CW Building-3rd Floor
Annandale, VA 22003-3796

Re: Virginia Pollutant Discharge Elimination System MS4 Registration No. VAR040095 Northern Virginia Community College (NVCC) FY2020 MS4 Annual Report Comments

Dear Mr. Trimble:

The Virginia Department of Environmental Quality, Northern Regional Office (DEQ-NRO) received the NVCC FY2019 MS4 Annual Report for the period of July 1, 2019 through June 30, 2020 on September 30, 2020. The report was submitted in accordance with the annual reporting requirements contained in Parts I.D, I.E.1.g, I.E.2.f, I.E.3.e, I.E.4.d, I.E.5.i, I.E.6.q, II.A.13, and II.B.9 of the November 2018 Municipal Separate Storm Sewer System General Permit (MS4 General Permit). Please provide the following information and clarifications regarding compliance with the Chesapeake Bay TMDL Action Plan needed to complete the review of the annual report to DEQ-NRO by November 13, 2020.

Part II.A.13.c	Progress Toward Meeting Required Reductions	Provide the progress toward the required 40% cumulative goal for nitrogen, total phosphorus, and total suspended solids using the final design efficiency of the BMPs.
Part II.A.13.d	BMPs Planned for the Next Reporting Period	Provide a list of BMPs that planned for implementation during the next reporting period.

Please contact me at anna.tuthill@deq.virginia.gov or 703-583-3837 if you have questions.

Respectfully,

Anna M. Tuthill

NRO Regional MS4 Coordinator/Inspector



November 12, 2020

Ms. Anna Tuthill
NRO Regional MS4 Coordinator/Inspector
Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

via email: anna.tuthill@deq.virginia.gov

Re: VAR040095, FY 2020 DEQ MS4 Annual Report Comments

Northern Virginia Community College, Annandale, VA

Dear Ms. Tuthill:

Northern Virginia Community College (NOVA) would like to thank you for your time in reviewing the NVCC 2019-2020 MS4 Annual Report (Permit #VAR040095). In response to your Annual Report review letter dated October 29, 2020, NOVA provides the following:

1. Part II.A.13.c. Provide the progress toward the required 40% cumulative goal for nitrogen, total phosphorus, and total suspended solids using the final design efficiency of the BMPs.

NOVA Response: Page 22, Table 17, Step 2 of the 2019-2020 Annual Report depicts the progress toward the required 40% cumulative goal for total nitrogen, total phosphorus and total suspended solids. By July 2020, NOVA met the 5% reduction requirement through existing structural BMPs and also completed tracking documentation with increased sweeping frequency based on an analysis of our street sweeping program.

The following numeric data is provided for DEQ's additional information but is not required to be reported per Part II.A.13.c. nor NOVA's Chesapeake Bay TMDL Action Plan.



NOVA's 2019 - 2020 Chesapeake Bay Action Plan Numeric Progress	5% Required Reductions in 2019 - 2022* (lbs/yr)	Pounds Required to be Swept using Mass Loading Approach 2019 - 2022** (lbs/yr)	Pounds Swept in 2019 - 2020 using Mass Loading Approach (lbs/yr)	Reductions Achieved in 2019 - 2020 using Mass Loading Approach (lbs/yr)	40% Required Reductions in 2022 - 2023*** (lbs/yr)	Pounds Required to be Swept using Mass Loading Approach 2022 - 2023 (lbs/yr)	% Achieved in 2019-2020 towards 40% (%)
Total Nitrogen	11.17	0.00	25,428	44.50	77.44	44,251.13	57%
Total Phosphorus	1.50	0.00	25,428	17.80	9.37	13,385.71	190%
Total Suspended Solids	1290.82	0.00	25,428	5,339.88	8,963.40	42,682.86	59%

Notes: * 5% Nutrient Reductions were achieved and exceeded by existing structural BMPs.

2. Part II.A.13.d. Provide a list of BMPs planned for implementation during the next reporting period.

NOVA Response: Existing structural BMPs will satisfy the 5% required reduction as listed on Page 23, Table 18 of the 2019-2020 Annual Report for the next reporting <u>year</u>.

In addition, NOVA plans to continue street sweeping, as stated in Table 17, Step 3 of the 2019-2020 Annual Report in order to determine if the 40% reduction can be achieved with street sweeping alone. If not, NOVA will evaluate alternate means to achieve the 40% reduction, secure funding and revise the action plan accordingly.

We hope that our responses address your concerns. Please give me a call at (703) 434-1443 if you have any questions.

Sincerely,

David C. Trimble, P.G.

Environmental Compliance Officer Northern Virginia Community College

C. Flimble

703-764-5095 Direct 703-434-1443 Mobile

dtrimble@nvcc.edu

cc: Chris Schrinel, EEE Consulting, Inc. (via email) Sara Rilveria, EEE Consulting, Inc. (via email)

OFFICE OF FACILITIES PLANNING & SUPPORT SERVICES

^{**} Street Sweeping is not required to meet any reduction requirements from 2019-2022. However, NOVA conducts street sweeping to determine if they will be able to meet their 40% reduction in 2022 - 2023.

^{***} Adjusted for total reductions provided by existing structural BMP reductions.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY NORTHERN REGIONAL OFFICE

Matthew J. Strickler Secretary of Natural Resources 13901 Crown Court, Woodbridge, Virginia 22193 (703) 583-3800 www.deq.virginia.gov

David K. Paylor Director

Thomas A. Faha Regional Director

November 13, 2020

By Email (dtrimble@nvcc.edu)

CONFIRMATION RECEIPT REQUESTED

Mr. David C. Trimble, P.G. Environmental Compliance Officer Northern Virginia Community College Facilities Planning and Support Services 8333 Little River Turnpike, CW Building-3rd Floor Annandale, VA 22003-3796

Re: Virginia Pollutant Discharge Elimination System MS4 Registration No. VAR040095

Northern Virginia Community College, FY2020 MS4 Annual Report

Dear Mr. Trimble:

The Virginia Department of Environmental Quality, Northern Regional Office (DEQ-NRO) received the Northern Virginia Community College FY2020 MS4 Annual Report for the period of July 1, 2019 through June 30, 2020 on September 30, 2020; an amendment was received on November 12, 2020. The report and respective amendment submitted in accordance with the annual reporting requirements contained in Parts I.D, I.E.1.g, I.E.2.f, I.E.3.e, I.E.4.d, I.E.5.i, I.E.6.q, II.A.13, and II.B.9 of the November 2018 Municipal Separate Storm Sewer System General Permit (MS4 General Permit) are deemed acceptable.

If you have any questions or comments, please contact me at <u>anna.tuthill@deq.virginia.gov</u> of 703-409-5553.

Respectfully,

Anna M. Tuthill

NRO Regional MS4 Coordinator/Inspector