GERMANNA
COMMUNITY COLLEGE

Fredericksburg Campus

Municipal Separate Storm Sewer System Annual Report

For

General Permit No. VAR040125

Permit Year

July 1, 2024 through June 30, 2025

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 25, 2025

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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.3.a)

Permitee Name: Germanna Community College

System Name: Virginia Community College System

Permit Number: VAR040125

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

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

July 1, 2024 through June 30, 2025

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 M. Davis

Title: Vice President of Administrative Services

Signature: ____ John M. Davis_____ Date: __09/25/2025_____

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	Media materials	Email with Powerpoint distributed 9/6/24	Approximately 13,000 students, faculty & staff	☒ Yes ☐ No	☐ Yes ☒ No
2	TMDLs and Local Impaired Waters	Media materials	Graphic media placed on TV monitors in public frequented areas 9/16/24	Approximately 2,000 students, faculty & staff	☒ Yes ☐ No	☐ Yes ☒ No
3	Education on Pollution Prevention from Public Activities	Traditional Written Materials	Fliers placed on bulletin boards in public frequented areas 9/7/24	36 fliers seen by approximately 1,500 students, faculty & staff	☒ 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	Instead of fliers distributed, a Powerpoint presentation was distributed.	For variation from year to year.
2	TMDLs and Local Impaired Waters	Not applicable	Not applicable
3	Education on Pollution Prevention from Public Activities	Not applicable	Not applicable

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://germanna.edu/about-germanna/public-information/environmental-sustainability

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	Classroom presentation w/ Q&A 9:20 am 10/22/24	Educational	19 participants	No	☐ Yes ☒ No	☒ Yes ☐ No
2	Classroom presentation w/ Q&A 2:00 pm 10/22/24	Educational	20 participants	No	☐ Yes ☒ No	☒ Yes ☐ No
3	Booth at College Event (Welcome Day) 8/17/24	Educational	49 visitors, handed out 21 stormwater brochures	No	☐ Yes ☒ No	☒ Yes ☐ No

4	Friends of the Rappahannock Big Fall Cleanup	Restoration	150 volunteers, 1,540 lbs. of litter collected	Yes	☐ 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 2.

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

2.3.4. 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)
19	1	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 6.

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 10.

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
"Director of Facilities or designee" while a transition occurs between the acting Director and new Director.
Removed the Training Quiz which was integrated into the distributed link and has been incorporated by reference.
Removed Findings Follow up Form and replaced with MS4 Tracking spreadsheet incorporated by reference.
Included other language concerning MS4 Tracking spreadsheet e.g. SWPPP Inspection Summary, Spill Log, etc.
Removed TSS as Chespeake Bay TMDL Pollutant of Concern.
Added language to Road and Sidewalk Maintenance BMP concerning practices for anti-icing and deicing agent application, transport, and storage.
Added language to Landscape Management BMP prohibiting the application of any anti-icing or deicing agent containing urea or other forms of nitrogen or phosphorus.
Developed a new BMP for Temporary Storage of landscaping materials.
Developed a new BMP for Fertilizer Use and Storage concerning the application of fertilizer shall not exceed maximum application rates established by applicable nutrient management plans. For areas not covered under nutrient management plans where fertilizer is applied, application rates shall not exceed manufacturer's recommendations.
Developed a new BMP for absorbent matting maintenance.

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**
Fredericksburg	Approved
Daniel Technology	Approved
Locust Grove	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**
4/07/25	1	Pesticide Training

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

No local TMDL Action Plans

Appendix A: Documentation of Public Education and Outreach Activities

High Priority Stormwater Issue #1

Garland Fenwick

To: *All-Germanna*
Cc: Garland Fenwick
Subject: Important Municipal Separate Storm Sewer System Program(MS-4)
Attachments: GCC_Stormwater Slides_CCTV_Group 3.pptx

Dear Faculty and Staff,

Attached is a short power point that provides important information pertaining to Municipal Separate Storm Sewer System Program(MS-4) and Stormwater Management at the Fredericksburg Area Campus and your communities . Please take a few minutes to review the power point and help GCC and your communities improve their MS-4 and Stormwater Management Program.

Thank you!

Garland M. Fenwick
Director of Facilities
Germanna Community College
PO Box 1430
2130 Germanna Highway
Locust Grove, VA 22508
540-423-9046

GERMANNA
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Garland Fenwick

To: ALL GCC STUDENTS - GCC
Cc: Garland Fenwick
Subject: Important Municipal Separate Storm Sewer System Program(MS-4)_Student
Attachments: GCC_Stormwater Slides_CCTV_Group 3.pptx

Dear Students,

Attached is a short power point that provides important information pertaining to Municipal Separate Storm Sewer System Program(MS-4) and Stormwater Management at the Fredericksburg Area Campus and your communities . Please take a few minutes to review the power point and help GCC and your communities improve their MS-4 and Stormwater Management Program.

Thank you!

Garland M. Fenwick
Director of Facilities
Germanna Community College
PO Box 1430
2130 Germanna Highway
Locust Grove, VA 22508
540-423-9046

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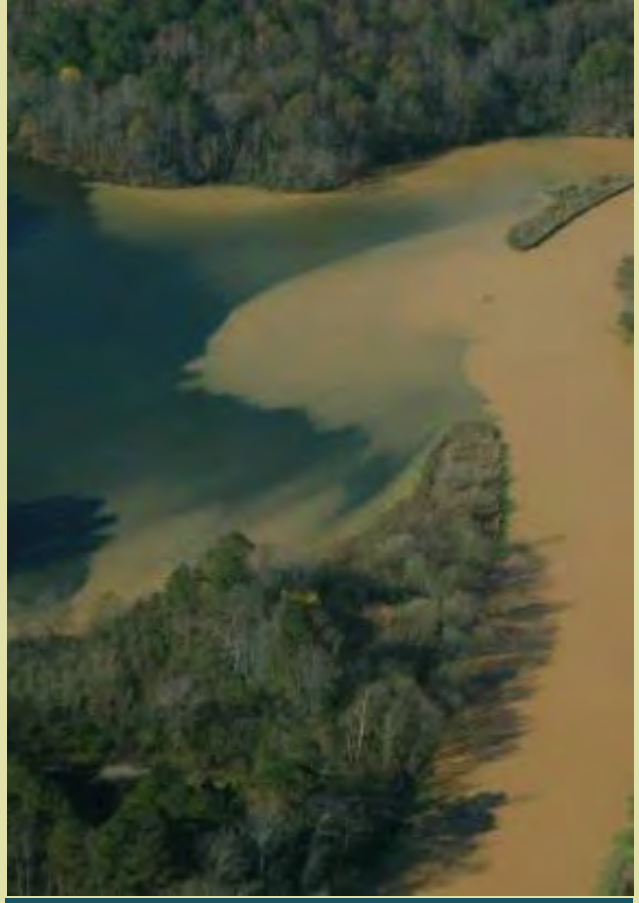
STORMWATER RUNOFF PICKS UP SEDIMENT & POLLUTANTS AFTER A RAINFALL.

SEDIMENT & POLLUTANT LADEN RUNOFF FLOWS INTO STORM SEWER SYSTEMS.



STORM SEWER INLETS DRAIN DIRECTLY INTO OUR LOCAL WATERBODIES.

OUR LOCAL WATERBODIES FLOW INTO THE CHESAPEAKE BAY & TO THE OCEAN.

Impacts of Stormwater Runoff

Sediment from **construction sites** & **streambank erosion** from urbanization adversely affect the health of our local streams & rivers & the Chesapeake Bay.

GERMANNA COMMUNITY COLLEGE

GERMANNA
COMMUNITY COLLEGE

LOCAL IMPAIRED WATERWAYS

GCC directly discharges into an unnamed tributary of the Massaponax Creek.

The Massaponax Creek is designated as an impaired waterway for pH and bacteria.

Pollutant sources that affect water pH are landscape additives and chemicals.

Pollutant sources of bacteria are livestock, pet waste and sanitary sewer overflows.

Source: www.northgeorgiawater.org

ILLICIT DISCHARGE

Any discharge that enters the storm drain system or a natural drainage way on campus that is **not composed entirely of stormwater**.

To report an illicit discharge, spill or an improper disposal email **gfenwick@germanna.edu** or call the Facilities Department at **540-423-9185**.

For more information visit GCC's stormwater website at **http://www.germanna.edu/facilities**.

ONLY RAIN
¡NO CONTAMINE!
DOWN THE STORM DRAIN

GERMANNA
COMMUNITY COLLEGE

GERMANNA
COMMUNITY COLLEGE

HOW YOU CAN HELP KEEP WATERBODIES CLEAN?

- Limit landscape additives such as lime & potash only in amounts needed & at appropriate times especially never before a rain event.
- Properly store & dispose of chemicals. Quickly clean-up spilled chemicals & properly dispose of the materials used to clean-up spills.
- Pick-up pet waste & properly dispose in the trash.
- Never dump anything down storm drains.
- Place litter & cigarette butts in proper receptacles.
- Utilize recycling programs.
- Promptly repair vehicle & equipment leaks.
- Wash vehicles at a commercial car wash instead of in a driveway or parking lot.
- Properly dispose of household waste items.

High Priority Stormwater Issue #2

Garland Fenwick

From: James Solomon
Sent: Monday, September 16, 2024 8:39 AM
To: Garland Fenwick
Subject: RE: MS-4 Slides

Thanks for the reminder! They should be running. Check in an hour, sometimes the system is slow.

Thank you,

Jim Solomon
Marketing and Information Specialist
(540) 423-9069

We're moving in Stafford County.
Learn more about our brand new location in Stafford County.

From: Garland Fenwick <GFenwick@germanna.edu>
Sent: Monday, September 16, 2024 7:00 AM
To: James Solomon <JSolomon@germanna.edu>
Subject: RE: MS-4 Slides

Jim,

Here's your reminder to put my MS-4 slides up.

Thanks
Garland

From: James Solomon <JSolomon@germanna.edu>
Sent: Monday, September 9, 2024 4:01 PM
To: Garland Fenwick <GFenwick@germanna.edu>
Subject: RE: MS-4 Slides

You bet. Just send me a reminder on the 16th. I will load them in the system, but I'll still have to set them running. Our new system lacks the ability to schedule slides ahead of time.

Thank you,

Jim Solomon

Marketing and Information Specialist
(540) 423-9069

We're moving in Stafford County.

Learn more about our brand new location in Stafford County.

From: Garland Fenwick <GFenwick@germanna.edu>
Sent: Friday, September 6, 2024 8:23 AM
To: James Solomon <JSolomon@germanna.edu>
Cc: Garland Fenwick <GFenwick@germanna.edu>
Subject: MS-4 Slides
Importance: High

Jim,

With my retirement on the horizon, I am trying to get some things done that will help the college down the road. Can you get the attached slides on the TV's by September 16 and take them down on October 4? Please let me know when you get them up so I can take some pictures.

Thanks
Garland

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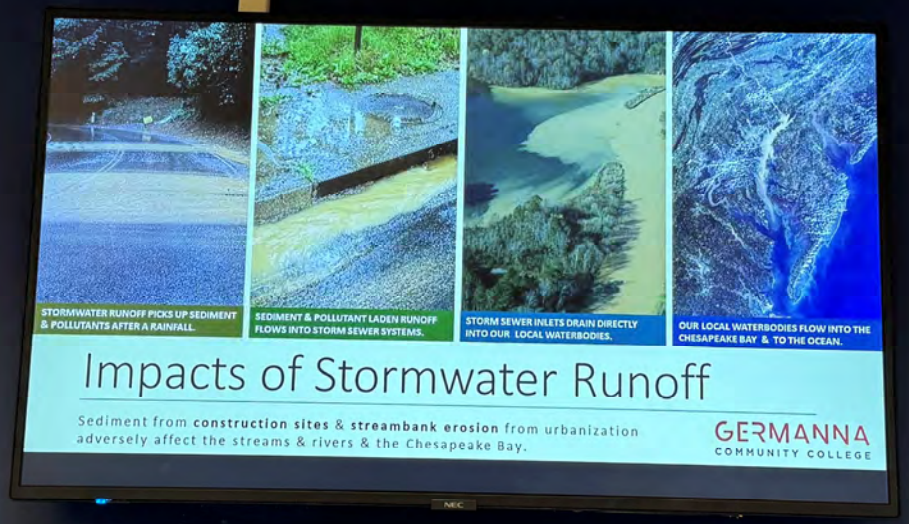
STORMWATER RUNOFF PICKS UP SEDIMENT & POLLUTANTS AFTER A RAINFALL.
SEDIMENT & POLLUTANT LADEN RUNOFF FLOWS INTO STORM SEWER SYSTEMS.
STORM SEWER INLETS DRAIN DIRECTLY INTO OUR LOCAL WATERBODIES.
OUR LOCAL WATERBODIES FLOW INTO THE CHESAPEAKE BAY & TO THE OCEAN.
Impacts of Stormwater Runoff
Sediment from construction sites & streambank erosion from urbanization adversely affect the streams & rivers & the Chesapeake Bay.
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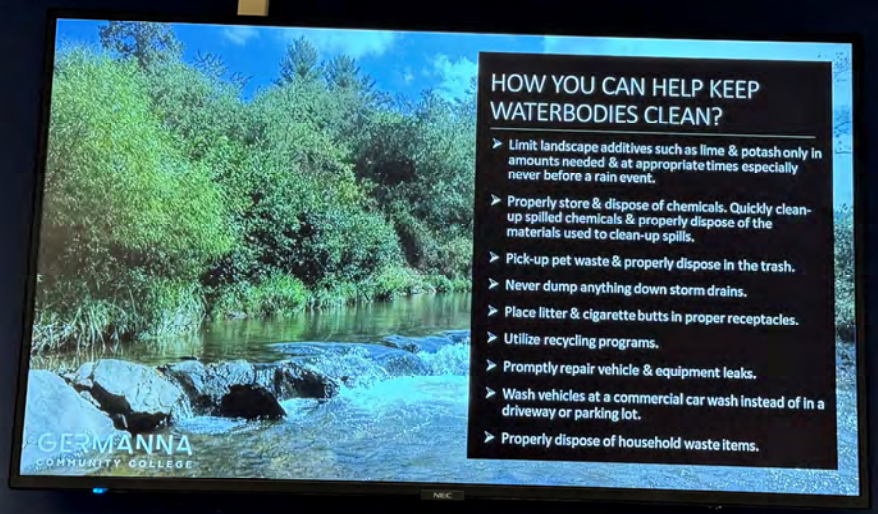
How Sediment Impacts Virginia's Waterbodies

- Clogs fish gills causing **death**
- Creates a muddy bottom unsuitable for **spawning** beds
- Reduces **visibility** for fish to locate prey causing
- Decreases water depth resulting in an increase of **temperature** causing fish to relocate
- Stunts plant growth due to reduced **light** penetration
- Interferes with navigation, flood control, **recreation** & fishing industries

EFFECTS OF FERTILIZERS & BACTERIA ON THE ENVIRONMENT
GERMANNA COMMUNITY COLLEGE
WARNING
ALGAL BLOOM ADVISORY
A harmful algal bloom has been detected at this location. Users are encouraged to avoid ingesting water and avoid surface scum.
Nitrogen and Phosphorous in fertilizers cause algae blooms in waterbodies.
Improperly disposed of animal waste and human waste from sanitary overflows cause high levels of bacteria (E.coli) in waterbodies.
Algae create toxins and excessive E.coli makes waterbodies unsafe for swimming and unhealthy for humans and wildlife consumption.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Utilize recycling programs.
Promptly repair vehicle & equipment leaks.
Wash vehicles at a commercial car wash instead of in a driveway or parking lot.
Properly dispose of household waste items.
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COMMUNITY COLLEGE

High Priority Stormwater Issue #3

Garland Fenwick

From: Garland Fenwick
Sent: Saturday, September 7, 2024 7:00 AM
To: Garland Fenwick
Subject: RE: Posters Placed on Bulletin Boards

36 Posters Placed

Garland M. Fenwick
Director of Facilities
Germanna Community College
PO Box 1430
2130 Germanna Highway
Locust Grove, VA 22508
540-423-9046

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COMMUNITY COLLEGE

We've Moved!
FOOD PANTRY
Available for Current Germanna Students
Fredericksburg Area Campus
Monday 11am-1pm & Thursday 4-6pm
Located in SP1 Room 114E
Also available by appointment at foodpantry@germanna.edu
The pantry will be closed when the college is closed
FREDERICKSBURG REGIONAL FOOD BANK
GERMANNA COMMUNITY COLLEGE
APARTMENT FOR RENT
Features:
2 Bedrooms
2 Bathrooms
Fully Equipped Kitchen
W/D Connections
Huge Living Room
Apartment living made simple! Call us today for a tour.
Call Now
540.220.7563
New Post Apartments
NEW POST APARTMENTS
GERMANNA
HAVE WE MET?
THE GRIZZ
GET CONNECTED • JOIN A CLUB • ATTEND AN EVENT
CALLING ALL
GRAPHIC DESIGN STUDENTS!!
THE GERMANNA ROAR
NEEDS YOU!!!
We are looking for a Layout Editor to put together our Roar Issues for fall 2023 and spring 2024!
Requirements: Needs to be familiar with Adobe InDesign and illustrator.
Benefits: Involvement in a school club and it looks great on a resume!
If interested, please contact Dr. David Sam at dsam@germanna.edu
CREDIT FOR PRIOR LEARNING
ACE your exams this fall!
The Academic Center for Excellence can help you with exam prep & final papers!
GERMANNA COMMUNITY COLLEGE
GERMANNA COMMUNITY COLLEGE
Runoff from Roof
Runoff from Driveway
Runoff from Street
RUNOFF PICKS UP:
• Pet Waste
• Leaves
• Fertilizers
• Motor Oil
• Detergents
• Trash
STORMWATER RUNOFF CARRIES POLLUTANTS INTO OUR WATERWAYS
CLEAN WATERWAYS STARTS WITH YOU
PICK UP
Pet Waste
Yard Waste & Leaves
Trash
DISPOSE OF
Used Motor Oil, Paint & Other Chemicals at a Waste Disposal Center
CHOOSE TO
Use Commercial Car Washes & Limit Fertilizer & Pesticide Application
For more information visit www.germanna.edu/facilities
ONLINE ONBOARDING FOR ACCOMMODATIONS
General Waste

SPECTRA SYSTEM 4
DAYCON
1.800.394.0019
www.daycon.com
407 VIBRANCE
MILD ACID RESTROOM CLEANER
401 CLEAR CHOICE
GLASS & MULTI-SURFACE CLEANER
410
DANGER
405 RENEW
NEUTRAL CLEANER
SPECTRA SYSTEM 4
Directions
Instrucciones
CLEAN DRAINS, CLEAN WATERWAYS
sweep & bag it
GERMANNA COMMUNITY COLLEGE

STORMWATER
GERMANNA COMMUNITY COLLEGE
Virtual care from anywhere.
24/7 Mental Health Support.
timely care
IT'S FOR VCCS STUDENTS. FOR FREE.
GERMANNA CHESS CLUB
CHILD CARE ACCESS AND ASSISTANCE FOR STUDENT-PARENTS
We've moved!
FOOD PANTRY
Fredericksburg Area Campus
Monday 11am-1pm & Thursday 4-6pm
Located in SP1 Room 114E
GERMANNA LIBRARIES INSPIRATION STATION
Enjoy a free cup of coffee or tea, on us.
We also provide free hot water for you to make noodles or soup.
GERMANNA
PHYSICS LAB
PUSH
PUSH

CLEAN DRAINS,
CLEAN WATERWAYS
sweep & bag it
Preventing stormwater pollution is everyone's job at Germanna Community College. The water we use to clean kitchens, garbage cans, and dumpsters carry trash, debris, and harmful chemicals, like pesticides and harsh cleaning fluids, into storm drains. This toxic mess ends up choking our waterways and is a threat to humans and animal life. Bag garbage and trash. And never pour grease down the kitchen drain. It clogs pipes and ends up polluting our rivers and streams. Save grease in containers and bag it. When cleaning kitchens and eating areas, use a broom and trash bag — not a hose or sprayer — to collect debris. Learn more about ways to help keep pollutants out of our watersheds by visiting www.germanna.edu/facilities/environmental-sustainability/
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pacer 12 UE
HEPA

SEVERE WEATHER
SHELTER
Located on 1st Floor
GERMANNA COMMUNITY COLLEGE
STORMWATER
Help Improve Water Quality
The Academic Center for Excellence
English Conversation Group for ESL Students
Practice English vocabulary and speaking skills with fun activities!
Online: ACE Zoom Room
Every Tuesday at 11:00 AM
Fredericksburg Area Campus: SP1-304
Every Wednesday at 4:00 PM
For more information, please email
afyrman@germanna.edu
GERMANNA CARES
Now at Germanna!
Mobile Pantry
OrderAhead
Academic Technology & Learning Support
Virtual Arts
Poetry
The ROAR
Fiction
Photography
GCC'S Creative Arts Journal
Is looking to fill officer and editor positions.
Your Voice Matters!
SUBMIT YOUR WORK AT
bit.ly/gcc roar
Find Us On Grizzly Connect!
CONGRATULATIONS!
2023/2024 SGA EXECUTIVE BOARD
President
Vice President
Treasurer
Secretary
GERMANNA
ACE your exams this fall!
The Academic Center for Excellence can help you with exam prep & final papers!
FINANCIAL AID PRESENTS DOLLARS AND DONUTS
We've Moved!
FOOD PANTRY
Fredericksburg Area Campus
Located in SP1 Room 114E
REGISTRATION
GERMANNA
Workforce and Technology Center
GERMANNA GAMING GROUP
Are you looking for a club to craft and mine with new and old friends? The Germanna Gaming Group is for you! With a Minecraft server to play on 24/7, friendly and inclusive members, and more games than just Minecraft, this club is perfect for any casual crafter looking for friends to take on the ender dragon with!
GERMANNA LIBRARIES
INSPIRATION STATION
Now serving free coffee & tea, plus hot water for noodles, soup or whatever! Located in the library lounge in the Science & Engineering building/Building SP3 on the first floor.
GERMANNA COMMUNITY COLLEGE
Group Project? Need Some Privacy?
Come use a library study room!
Open in Building SP3 during library operating hours.
Reserve at the library service desks or by phone at 540-891-3026.
3180

Appendix B: Documentation of Public Involvement Activities

Public Involvement Activity #1

Garland Fenwick

To: Tamara A. Muldrow
Subject: RE: Attendance for 10/22/24

From: Tamara A. Muldrow <TMuldrow@germanna.edu>
Sent: Tuesday, October 22, 2024 3:09 PM
To: Garland Fenwick <GFenwick@germanna.edu>
Subject: Attendance for 10/22/24

Hi Garland!

Thank you so much for coming by class again!

And here's your list of names for today 😊

LYNDSAY BAKER
SAM BOWEN
ALEX BUSKIRK
RUTH CHAMBERS
CALLEIGH CRAFT
LESLIE JARRETT
BECCA JARRETT
JORGE LOPEZ
DIANA MENDEZ JURADO
KNOELLE PIPES
SYERRA POWELL
KAITLYN RUIZ
RANA SAFA
SYD SALONE
TIARA TIGANI
GENESIS VILLATORO
ELLA WILLIAMS
ERIN WRIGHT

Tamara

Tamara Muldrow
Assistant Professor of Biology
Germanna Community College
tmuldrow@germanna.edu
540 891 3021

Garland Fenwick

From: Tamara A. Muldrow
Sent: Monday, September 9, 2024 12:29 PM
To: Garland Fenwick
Subject: RE: MS-4 Presentation

Hey Garland,

That is wonderful—I thought last semester was my last round of your talks after I found out you're leaving!

How about October 22? The lab section of the classes are at 9:20am and 2pm, in SP3, room 311.
And if something comes up, I do have some wiggle room!

Thanks,
Tamara

Tamara Muldrow
Assistant Professor of Biology
Germanna Community College
tmuldrow@germanna.edu
540 891 3021

From: Garland Fenwick <GFenwick@germanna.edu>
Sent: Monday, September 9, 2024 11:21 AM
To: Tamara A. Muldrow <TMuldrow@germanna.edu>
Subject: RE: MS-4 Presentation

Tamara,

I can certainly do two in one day and can talk to a couple classes. I used to do that for Harvey Gold. October 22 or 24 works for me.

Thanks
Garland

From: Tamara A. Muldrow <TMuldrow@germanna.edu>
Sent: Monday, September 9, 2024 11:06 AM
To: Garland Fenwick <GFenwick@germanna.edu>
Subject: RE: MS-4 Presentation

Hi Garland!

Ack! I don't have that class this semester! They took away my Bio 102 class and gave me all Bio 101s. And to be honest, Bio 101 is so scripted that I don't have many days open. Could you do it twice in one day? That's the other problem—trying to keep two classes on the same schedule.

Would you want to try and do the talk for two different classes? Or is that going to be impossible with your schedule? I've got a couple days in Octorber (the 22nd and 24th) where I could shuffle things around for lab.

Tamara

Tamara Muldrow
Assistant Professor of Biology
Germanna Community College
tmuldrow@germanna.edu
540 891 3021

From: Garland Fenwick <GFenwick@germanna.edu>
Sent: Monday, September 9, 2024 8:00 AM
To: Tamara A. Muldrow <TMuldrow@germanna.edu>
Subject: MS-4 Presentation

Tamara,

Do you think you will be able to squeeze me in this fall for the MS-4 Presentation?

Garland M. Fenwick
Director of Facilities
Germanna Community College
PO Box 1430
2130 Germanna Highway
Locust Grove, VA 22508
540-423-9046

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STORMWATER MANAGEMENT

October 22, 2024

1

AGENDA

- What is Storm Water Run Off?
- Where does it go?
- Regulatory Requirements
  - MS-4 Plan(Municipal Separate Storm Sewer System)
  - TMDL(Total Maximum Daily Load)
- Questions

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2

STORMWATER RUNOFF

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3

STORMWATER MAP

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4

STORMWATER POND

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5

OUTFALL LOCATION

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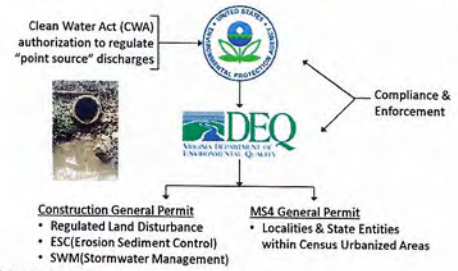
6

REGULATORY STRUCTURE



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7

MS4 GENERAL PERMIT

Special Conditions

1. Chesapeake Bay TMDL(Total Maximum Daily Load)

Minimum Control Measures

1. Public Education & Outreach
2. Public Involvement/Participation
3. Illicit Discharge Detection & Elimination
4. Construction Site Runoff Controls
5. Post-construction Runoff Controls
6. Pollution Prevention/Good Housekeeping

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CHESAPEAKE BAY TMDL

- The Chesapeake Bay is impaired for Nitrogen, Phosphorous and Sediment.
- GCC implements a Chesapeake Bay TMDL Action Plan to reduce the Pollutants of Concern (POCs) based on the amount of impervious area (hard surfaces like roads, sidewalks and building footprints) on campus.
- GCC used Lane Miles street sweeping as a Best Management Practice and Land Use Change to achieve the required reductions in year one(2023) of the permit cycle.

Requires 60% load reduction (100% Overall) per year for the 5 year permit cycle(2023-2028) (Phosphorus, Nitrogen, Sediment)

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10

TOTAL MAXIMUM DAILY LOAD (TMDL)

- TMDL is a plan (pollution diet) that establishes the maximum amount of a pollutant the waterbody can hold and meet water quality standards.
- WLA(Waste Load Allocations) is the quantity of the pollutant (sediment, nitrogen, bacteria, etc.) that may be discharged.

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11

LOCAL IMPAIRED WATERWAYS

- GCC directly discharges into an unnamed tributary of the Massaponax Creek; however, downstream of the College is Massaponax Creek is designated as an impaired waterway.
- DEQ's 2016 impaired waters list identifies Massaponax Creek as impaired for:
  - pH (measure of amount of hydrogen and hydroxide ions in water i.e. alkalinity versus acidity); and E. coli (bacteria).

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LOCAL IMPAIRED WATERWAYS CONTINUED

- Pollutant sources that affect water pH: landscape additives such as lime, potash; and chemicals that are alkaline, acidic or neutral in content.
- Pollutant sources of E. coli: livestock and pet waste and sanitary sewer overflows.
- Steps taken to reduce pollution of impaired waterways:
  - Limit landscape additives only in amounts needed and at appropriate times (never before a rain event);
  - Properly store and dispose of spilled chemicals; and
  - Pick-up pet waste.

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PUBLIC INVOLVEMENT/EDUCATION

- Involvement
  - Implement 4 activities per year i.e. educational events, pollution prevention, stream restoration
- Education
  - Communicate two or more strategies i.e. speaking engagements, media materials
  - Program Plan/Annual Report webpage posting specifics

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ILLICIT DISCHARGE DETECTION AND ELIMINATION(IDDE)

- What is Illicit Discharge? *Any discharge to an MS4 that is not composed entirely of stormwater, except discharges specifically identified in the Va. Administrative Code*

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15

IDDE CONTINUED

- Written IDDE procedures to detect, identify, and address nonstormwater discharges
  - Methods for field observations/screening
    - Schedule (outfalls screened annually)
    - Data collection (field screening)
  - Methods for investigation of source
    - Observation
  - Mechanisms for eliminations of source
    - Policies
    - Follow-up & documentation
- Public reporting of illicit discharges
  - Promote, publicize, & facilitate reporting
  - Who to contact: Garland Fenwick, 540-423-9046
  - Conduct inspections in response to complaints
    - Ensure corrective action where necessary

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WHAT IS AN ILLICIT DISCHARGE

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17

WHAT IS NOT AN ILLICIT DISCHARGE

- Water system flushing

- Landscape irrigation

- Air Conditioning condensate

- Basement sump pumps
- Potable water sources
- Street wash water

- Spring water
- Dechlorinated pool discharge
- Agricultural irrigation water

- Foundation/footing drains
- Fire fighting activities
- Residential car washing

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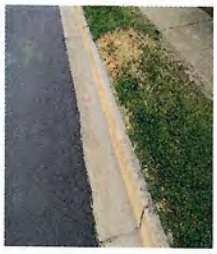
WHAT IS OR IS NOT ILLICIT DISCHARGE???



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ILLICIT DISCHARGE CLEAN-UP

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20

CONSTRUCTION SITE RUNOFF CONTROLS

- VCCS Standards & Specifications for ESC
  - Approved plan prior to start of regulated land disturbance (Approved by VCCS)
  - Inspection oversight (Certified consultants)
  - Legal Authority to require compliance
- Contractor responsibilities with VCCS oversight
  - Obtain Construction General Permit (GP), when required
  - Implement the ESC Plan and meet GP requirements
  - Develop and implement Stormwater Pollution Prevention Plan (SWPPP)

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CONSTRUCTION SITE RUNOFF CONTROLS

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22

POST CONSTRUCTION CONTROLS

- Permit requires long-term Inspection, operation, & maintenance of SW BMPs
  - Written inspection & maintenance procedures
    - Conduct maintenance as necessary
    - BMP Specific Checklists
  - Annual inspections
    - Frequency of inspection may vary based on BMP type
- Additional SWM facility tracking and reporting
  - Lat./long., date brought online, date of latest inspection, total inspections

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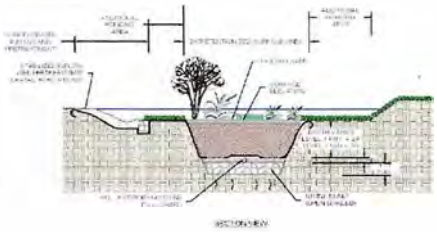
23

BMP STANDARDS & SPECIFICATIONS



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26

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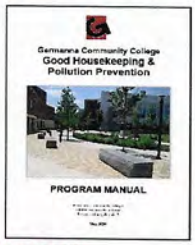
27

GOOD HOUSEKEEPING/POLLUTION PREVENTION



- Maintenance & operations procedure BMP
  - Vehicle washing, vehicle maintenance, dumpster operations/locations, fueling, chemical storage, other applicable practices
- Training Plan
- Inspection Guidance
  - Checklist/Mapping
  - Documentation
- Waste Management
  - Oil, gas, and diesel
  - Absorbents
  - Other applicable wastes
- Reporting
- Evaluation/modification

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STORMWATER POLLUTION PREVENTION PLAN MAP

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29

GOOD HOUSEKEEPING/POLLUTION PREVENTION

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30

GOOD HOUSEKEEPING/POLLUTION PREVENTION

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31

GOOD HOUSEKEEPING/POLLUTION PREVENTION

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32

QUESTIONS

Thank You!
Garland

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Public Involvement Activity #2

Garland Fenwick

To: Tamara A. Muldrow
Subject: RE: Attendance for 10/22/24

From: Tamara A. Muldrow <TMuldrow@germanna.edu>
Sent: Tuesday, October 22, 2024 3:09 PM
To: Garland Fenwick <GFenwick@germanna.edu>
Subject: Attendance for 10/22/24

Hi Garland!

Thank you so much for coming by class again!

And here's your list of names for today 😊

MARCO ARANA
NALANIE BECKER
TAYLOR COOMER
ESTEPHANY CODERO
JESSICA DEGENHARDT
JENNIFER ESTRADA
GENESIS HOUSTON
ALI KAMARA
ANGIE MARCHADO
ASIA MINOR
JACOB NELSON
DALTON SALCEDO
GRIER SCARPULLA
AUDREY SELWYN
GEORGE TANNOUS
REINA TURCIOS
LILI VELASQUEZ
BRIANNA VILLANEUVA
JOSIAH WESLEY

Tamara

Tamara Muldrow
Assistant Professor of Biology
Germanna Community College
tmuldrow@germanna.edu
540 891 3021

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Tamara Muldrow
Assistant Professor of Biology
Germanna Community College
tmuldrow@germanna.edu
540 891 3021

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Tamara

Tamara Muldrow
Assistant Professor of Biology
Germanna Community College
tmuldrow@germanna.edu
540 891 3021

From: Garland Fenwick <GFenwick@germanna.edu>
Sent: Monday, September 9, 2024 8:00 AM
To: Tamara A. Muldrow <TMuldrow@germanna.edu>
Subject: MS-4 Presentation

Tamara,

Do you think you will be able to squeeze me in this fall for the MS-4 Presentation?

Garland M. Fenwick
Director of Facilities
Germanna Community College
PO Box 1430
2130 Germanna Highway
Locust Grove, VA 22508
540-423-9046

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STORMWATER MANAGEMENT

October 22, 2024

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AGENDA

- What is Storm Water Run Off?
- Where does it go?
- Regulatory Requirements
  - MS-4 Plan(Municipal Separate Storm Sewer System)
  - TMDL(Total Maximum Daily Load)
- Questions

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STORMWATER RUNOFF

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STORMWATER MAP

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STORMWATER POND

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OUTFALL LOCATION

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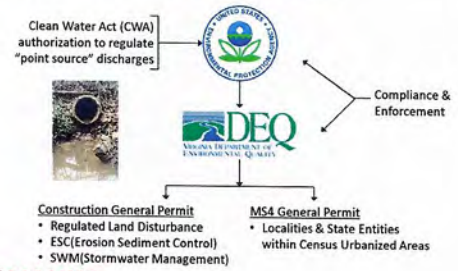
REGULATORY STRUCTURE



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MS4 GENERAL PERMIT

Special Conditions

1. Chesapeake Bay TMDL(Total Maximum Daily Load)

Minimum Control Measures

1. Public Education & Outreach
2. Public Involvement/Participation
3. Illicit Discharge Detection & Elimination
4. Construction Site Runoff Controls
5. Post-construction Runoff Controls
6. Pollution Prevention/Good Housekeeping

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CHESAPEAKE BAY TMDL

- The Chesapeake Bay is impaired for Nitrogen, Phosphorous and Sediment.
- GCC implements a Chesapeake Bay TMDL Action Plan to reduce the Pollutants of Concern (POCs) based on the amount of impervious area (hard surfaces like roads, sidewalks and building footprints) on campus.
- GCC used Lane Miles street sweeping as a Best Management Practice and Land Use Change to achieve the required reductions in year one(2023) of the permit cycle.

Requires 60% load reduction (100% Overall) per year for the 5 year permit cycle(2023-2028) (Phosphorus, Nitrogen, Sediment)

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TOTAL MAXIMUM DAILY LOAD (TMDL)

- TMDL is a plan (pollution diet) that establishes the maximum amount of a pollutant the waterbody can hold and meet water quality standards.
- WLA(Waste Load Allocations) is the quantity of the pollutant (sediment, nitrogen, bacteria, etc.) that may be discharged.

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LOCAL IMPAIRED WATERWAYS

- GCC directly discharges into an unnamed tributary of the Massaponax Creek; however, downstream of the College is Massaponax Creek is designated as an impaired waterway.
- DEQ's 2016 impaired waters list identifies Massaponax Creek as impaired for:
  - pH (measure of amount of hydrogen and hydroxide ions in water i.e. alkalinity versus acidity); and E. coli (bacteria).

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LOCAL IMPAIRED WATERWAYS CONTINUED

- Pollutant sources that affect water pH: landscape additives such as lime, potash; and chemicals that are alkaline, acidic or neutral in content.
- Pollutant sources of E. coli: livestock and pet waste and sanitary sewer overflows.
- Steps taken to reduce pollution of impaired waterways:
  - Limit landscape additives only in amounts needed and at appropriate times (never before a rain event);
  - Properly store and dispose of spilled chemicals; and
  - Pick-up pet waste.

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PUBLIC INVOLVEMENT/EDUCATION

- Involvement
  - Implement 4 activities per year i.e. educational events, pollution prevention, stream restoration
- Education
  - Communicate two or more strategies i.e. speaking engagements, media materials
  - Program Plan/Annual Report webpage posting specifics

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ILLICIT DISCHARGE DETECTION AND ELIMINATION(IDDE)

- What is Illicit Discharge? *Any discharge to an MS4 that is not composed entirely of stormwater, except discharges specifically identified in the Va. Administrative Code*

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IDDE CONTINUED

- Written IDDE procedures to detect, identify, and address nonstormwater discharges
  - Methods for field observations/screening
    - Schedule (outfalls screened annually)
    - Data collection (field screening)
  - Methods for investigation of source
    - Observation
  - Mechanisms for eliminations of source
    - Policies
    - Follow-up & documentation
- Public reporting of illicit discharges
  - Promote, publicize, & facilitate reporting
  - Who to contact: Garland Fenwick, 540-423-9046
  - Conduct inspections in response to complaints
    - Ensure corrective action where necessary

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WHAT IS AN ILLICIT DISCHARGE

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WHAT IS NOT AN ILLICIT DISCHARGE

- Water system flushing

- Landscape irrigation

- Air Conditioning condensate

- Basement sump pumps
- Potable water sources
- Street wash water

- Spring water
- Dechlorinated pool discharge
- Agricultural irrigation water

- Foundation/footing drains
- Fire fighting activities
- Residential car washing

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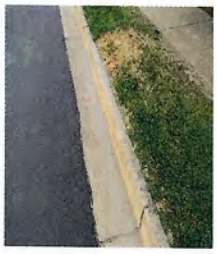
WHAT IS OR IS NOT ILLICIT DISCHARGE???



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ILLICIT DISCHARGE CLEAN-UP

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CONSTRUCTION SITE RUNOFF CONTROLS

- VCCS Standards & Specifications for ESC
  - Approved plan prior to start of regulated land disturbance (Approved by VCCS)
  - Inspection oversight (Certified consultants)
  - Legal Authority to require compliance
- Contractor responsibilities with VCCS oversight
  - Obtain Construction General Permit (GP), when required
  - Implement the ESC Plan and meet GP requirements
  - Develop and implement Stormwater Pollution Prevention Plan (SWPPP)

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CONSTRUCTION SITE RUNOFF CONTROLS

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POST CONSTRUCTION CONTROLS

- Permit requires long-term Inspection, operation, & maintenance of SW BMPs
  - Written inspection & maintenance procedures
    - Conduct maintenance as necessary
    - BMP Specific Checklists
  - Annual inspections
    - Frequency of inspection may vary based on BMP type
- Additional SWM facility tracking and reporting
  - Lat./long., date brought online, date of latest inspection, total inspections

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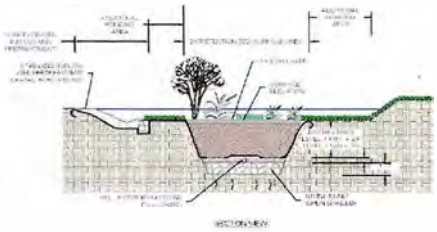
BMP STANDARDS & SPECIFICATIONS



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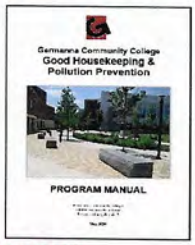
GOOD HOUSEKEEPING/POLLUTION PREVENTION



- Maintenance & operations procedure BMP
  - Vehicle washing, vehicle maintenance, dumpster operations/locations, fueling, chemical storage, other applicable practices
- Training Plan
- Inspection Guidance
  - Checklist/Mapping
  - Documentation
- Waste Management
  - Oil, gas, and diesel
  - Absorbents
  - Other applicable wastes
- Reporting
- Evaluation/modification

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STORMWATER POLLUTION PREVENTION PLAN MAP

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GOOD HOUSEKEEPING/POLLUTION PREVENTION

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GOOD HOUSEKEEPING/POLLUTION PREVENTION

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GOOD HOUSEKEEPING/POLLUTION PREVENTION

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QUESTIONS

Thank You!
Garland

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Public Involvement Activity #3

HANDED OUT 2 STORMWATER BROCHURES

SIGN-IN SHEET

School Name:	Germanna Community College	**Date:**	8/17/2024
Topic:	Municipal Separate Storm Sewer System (MS4) WELCOME DAY	**Location:**	Fredericksburg Campus

Name	Role	Time	Flyer ☑	No.
Alexander Barnett				1
Zachary Crispin				2
Suzanne Rossi				3
Mary McIntosh				4
Tereza Valencia				5
Mirjam Scholz				6
Hailey C Sonia				7
[illegible]				8
[illegible]				9
Sharanli Hay				10
Valeese Hay				11
Dr. Ray Patterson				12
Kyami Hawkins				13
Vincent Negrin				14
Steffeldt				15
Kaitlyn Lyon				16
Shawn Ingram				17
Shaquanda Stewart				18
Sean Ahmad				19
Tucker Ahmad				20

SIGN-IN SHEET

School Name:	Germanna Community College	**Date:**	8/17/2024
Topic:	Municipal Separate Storm Sewer System (MS4) WELCOME DAY	**Location:**	Fredericksburg Campus

Name	Role	Time	Flyer ☑	No.
Deron Heflin	[illegible]			1
Jamie Newton	Tiffany Lambert			2
Sheila Toler-Hitts	Sam Carder :)			3
Mindy Fredenberger	Brenda [illegible]			4
Julia Lee	[illegible]			5
Cameron Trelinski	[illegible]			6
Abigail Kovats	[illegible]			7
Rayan Khan	[illegible]			8
Wyatt Jimenez	[illegible]			9
Keila Ramirez				10
Lily Woof				11
Ashley Tadeo				12
Ana Martinez				13
Zachary Snyder				14
Jun Thompson				15
Tina Lance				16
Alex Mallmann				17
Caleb Leamond				18
[illegible]				19
[illegible]				20

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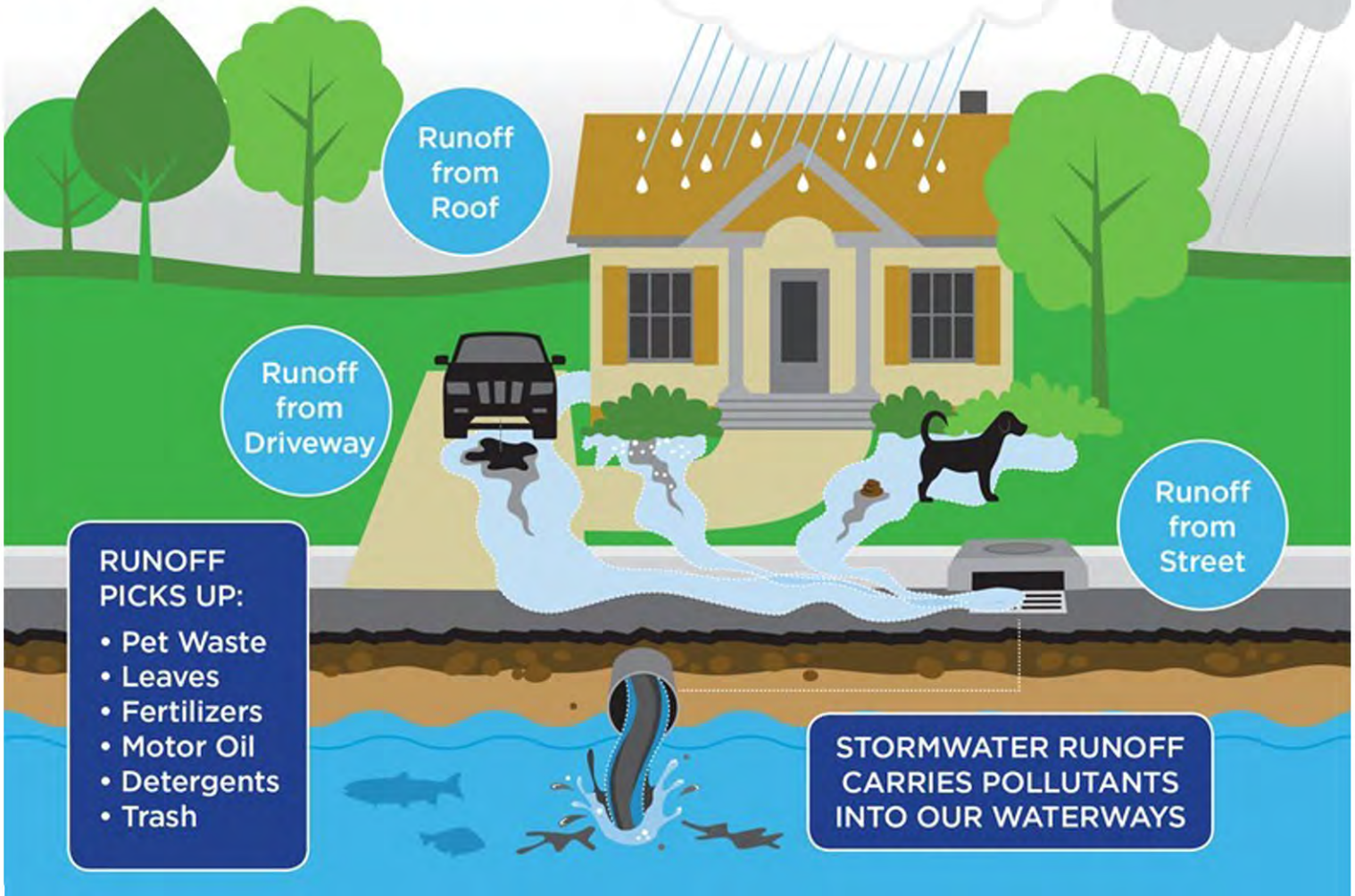

CLEAN WATERWAYS STARTS WITH YOU

PICK UP

Pet Waste

Yard Waste & Leaves

Trash

DISPOSE OF

Used Motor Oil, Paint & Other Chemicals at a Waste Disposal Center

CHOOSE TO

Use Commerical Car Washes & Limit Fertilizer & Pesticide Application

For more information visit www.germanna.edu/facilities

Images by www.vecteezy.com

Public Involvement Activity #4

Garland Fenwick

To: Garland Fenwick
Subject: RE: Germanna and FOR's Big Fall Cleanup

Hi Garland,

I hope you've been well! I have some information from FOR's Big Fall Cleanup that took place last Saturday (10/12). A total of 1540 pounds of litter was collected and 150 volunteers came out. I have attached the roster list (instead of a sign in sheet as we did not have that), the agenda of the day, and some photos. Please let me know if you need anything else!

Best,
Angela Nam (she/her)
Green Infrastructure Specialist
Friends of the Rappahannock | 540-373-3448 ext. 117

On Thu, Aug 8, 2024 at 12:30 PM Angela Nam <angela.nam@riverfriends.org> wrote:

You got it! I'll be in touch in October.

Best,
Angela Nam (she/her)
Green Infrastructure Specialist
Friends of the Rappahannock

540-373-3448

www.riverfriends.org

On Thu, Aug 8, 2024 at 8:18 AM Garland Fenwick <GFenwick@germanna.edu> wrote:

That's great!!! I would need the sign in sheet, few pictures and an agenda if there is one. DEQ want to make sure we can prove what we did.

Thanks, Garland

From: Angela Nam <angela.nam@riverfriends.org>
Sent: Wednesday, August 7, 2024 2:59 PM
To: Garland Fenwick <GFenwick@germanna.edu>
Subject: Germanna and FOR's Big Fall Cleanup

Hi Garland,

This is Angela from Friends of the Rappahannock. We briefly met at the CBLP Crews training that was hosted at Germanna back in June. I hope you've been well!

I'm reaching out because FOR is hosting a Big Fall Cleanup in Fredericksburg on October 12th, 2024. I've been told that Germanna is graciously sponsoring this event! I wanted to let you know that since Germanna is sponsoring, we can provide you with information on how many pounds of litter were picked up and other useful data that can help with your MS4 goals.

I will follow up after the Cleanup but if you have any questions in the meantime, please feel free to reach out. Thank you!

Best,

Angela Nam (she/her)

Green Infrastructure Specialist

Friends of the Rappahannock

540-373-3448

www.riverfriends.org

Signed Waiver?	Group or Attendee Name	Site	*Notes*
	Alivia Teri x10	Neighborhood & JM	
X	Amy McGlone x2	City Dock & River Front Park	
	Allison Meyer		
X	Anisah Ahmed x2	Old Mill Park	
X	Brandon Williams	Fickling Island	
X	Cat Paccasassi x5	Old Mill Park	
	Chris Dennings x23	Kenmore & Cossey	
X	Colin Kraus	Old Mill Park	
X	Eden Baroody x10	Dowtown FXBG	
X	Edward Prutzer	Riverside Dr	
X	Eric Torres Mattew	Fickling Island	
X	Erin Katherine Coulter	Wicklow St & Quarry Trail	
X	Grayson Sipe	Fickling Island	
X	Hannah Hartway x2	Wicklow St & Quarry Trail	
	Holly Winter x3	Dowtown FXBG	
	Isabelle Sipe	Fickling Island	
X	James Miller	Riverside Dr	
X	James Russo	Riverside Dr	
X	Jennifer Cone x4	Riverside Dr	
	Jennifer Kabza x9	Alum Springs	
	Julia Arbogast	Old Mill Park	
X	Kathryn Halloran	Fickling Island	
X	Kerry Whimoyer x4	Neighborhood & JM	
X	Sean & Mina Kim x4	Alum Springs	
	Leslie Meyer	Wicklow St & Quarry Trail	*NO SHOW*
X	Lisa Doyle x2	Old Mill Park	
	Mark Larson x23	Canal Path	
X	Mary Maxey	Riverside Dr	
X	Nathaniel Salsberry	Old Mill Park	
X	Nicole Berry	Riverside Dr	
X	Noah Zatterstrom	Wicklow St & Quarry Trail	
	Quinnie Osei Bonsu	Old Mill Park	*NO SHOW*
	Renee Sapp	Wicklow St & Quarry Trail	*NO SHOW*
X	Savanah Green	Wicklow St & Quarry Trail	
	Sierra	Riverside Dr	
X	Sierra R DeToll	Fickling Island	
X	Stephanie Hollister	Fickling Island	
X	Tara Hawkins x4	Wicklow St & Quarry Trail	
X	Teresa Towle x2	Neighborhood & JM	

Time	Task	Notes
7:40 AM	Pick up vehicles & fill water jug	*Angela gets truck and Lis gets Escape (if needed)*
8:00 AM	Set up	
8:45 AM	Leads and volunteers start arriving	
9:00 AM	Volunteers Arrive. Check that people have signed waivers!	
9:15 AM	FOR hello & safety talk	
9:30 AM	Get folks in groups and set out to their sites!	
11:00 AM	Katie pick up lunch	
11:30 AM	Volunteers conclude pickup trash and head back	*Set up lunch*
12:00 PM	Everyone enjoying lunch	
12:30 PM	Cleanup pavilion	
1:00 PM	Pick up bags from Canal Path and potentially Falmouth	*Drive past others to see if any other bags were left*

WHITE
WE INST
233 5052

FOR LEASE

STOP