

TOWN OF VINTON, VIRGINIA

**Municipal Separate Storm Sewer System (MS4)
Annual Report
Permit Year Two: July 1, 2024 – June 30, 2025**

Submitted:

October 1, 2025

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**Submitted To:
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Pursuant to General Permit Number VAR040026



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Clean Valley Council (CVC)
County of Roanoke
Roanoke County Public Schools (RCPS)
Roanoke Valley Resource Authority (RVRA)
Roanoke Valley Television Station (RVTV)
Virginia Saves Our Streams Foundation
Western Virginia Water Authority (WVWA)

Certification Statement and Requirements

As required by the MS4 Permit VAR04, Part III K. Signatory Requirements: Registration statements and reports shall be signed as follows:

1. Registration statement. All registration statements shall be signed as follows:

- a. For a corporation: by a responsible corporate officer. For the purpose of this chapter, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for state permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
- b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
- c. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this chapter, a principal executive officer of a public agency includes: (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

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

- a. The authorization is made in writing by a person described in Part IV K 1;
- b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the operator. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
- c. The signed and dated written authorization is submitted to the department.

CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Richard W Peters Jr
Responsible Official Signature

September 30, 2025
Date

VAR040026
MS4 Permit Number

Town of Vinton
MS4 Name

Table of Contents

Executive Summary.....	6
Community Profile.....	9
Stormwater Management Program.....	10
The Town's Physically Interconnected MS4s to which It Discharges.....	11
Watershed Summary	12
SECTION I. MINIMUM CONTROL MEASURES.....	13
MCM 1: PUBLIC EDUCATION AND OUTREACH.....	14
BMP 1-1. Stormwater Educational Resources, Publications, Links, and Programs	16
BMP 1-2. Stormwater Educational Materials/Roanoke County Stormwater Newsletter.	19
BMP 1-3. Stream Monitoring and Education	21
BMP 1-4. Stormwater Educational Programs and Activities for School Children and Teachers/Adult	24
BMP 1-5. Stormwater Public Awareness Programs	27
BMP 1-6. Town of Vinton Webpage of Town's Stormwater Management Program.....	37
BMP 1-7. Targeted Education Program	39
MCM 2: PUBLIC PARTICIPATION AND INVOLVEMENT.....	49
BMP 2-1. A Storm Drain Stenciling Program.....	51
BMP 2-2. Stormwater Public Events	54
BMP 2-3. MS4 Program and Stormwater Pollution Prevention Website for Citizens' Access	60
BMP 2-4. Household Hazardous Waste Collection Events.....	66
MCM 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE).....	70
BMP 3-1. The Town Municipal Separate Storm Sewer System (MS4) Map	71
BMP 3-2. Illicit Discharge Ordinance.....	74
BMP 3-3. Illicit Discharge Detection and Elimination (IDDE) Program.....	75
BMP 3-4. Dry Weather Screening	78
MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF AND EROSION AND SEDIMENT CONTROL	80
BMP 4-1. Legal Authorities.....	82
BMP 4-2. Site Plan Review	85
BMP 4-3. Site Inspections.....	89
BMP 4-4. Compliance and Enforcement.....	91
BMP 4-5. Employee and Contractor Certification (Revised)	93
MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT FOR NEW DEVELOPMENT AND DEVELOPMENT ON PRIOR-DEVELOPED LANDS.....	95
BMP 5-1. Stormwater Management Legal Authorities	97

BMP 5-2. Post-Construction Inspections for Existing Stormwater Management Facilities	99
BMP 5-3. Stormwater Management Facility Tracking	103
BMP 5-4. Strategies to Encourage Long-Term Maintenance of Stormwater Control Measures on Single-Family Residential Lots.....	106
BMP 5-5. Storm Sewer System Maintenance	109
<i>MCM 6: POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR FACILITIES OWNED OR OPERATED BY THE PERMITTEE WITHIN THE MS4 SERVICE AREA</i>	
BMP 6-1. Spill Prevention, Control, and Countermeasures Plan.....	113
BMP 6-2. Standard Operating Procedures (SOPs) for Pollution Prevention and Good Housekeeping.....	114
BMP 6-3. Public Street Sweeping and Fall Leaf Collection Programs.....	116
BMP 6-4. Employee Training Programs.....	118
BMP 6-5. Stormwater Pollution Prevention Plans (SWPPPs) for Municipal Facilities ..	121
BMP 6-6. Nutrient Management Plan (NMP)	126
BMP 6-7. Pesticide Applicator Certification	127
SECTION II. TOTAL MAXIMUM DAILY LOAD (TMDLs) ACTION PLANS.....	128
A. INTRODUCTION	128
B. BMPs to Address Bacteria (E. coli).....	129
BMP B-1. Dog Waste Stations and Signage	130
BMP B-2. Protect Stream Buffers: Ordinance.....	131
BMP B-3: Protect Stream Buffers: No-Mow Policy for Town-owned Lands	132
BMP B-4. Public Street Sweeping and Fall Leaf Collection Programs.....	133
BMP B-5. Public Education: Reducing Food Sources Outreach for Bacteria (E. Coli)*	135
BMP B-6. Public Education: Septic System Repair and Maintenance.....	137
BMP B-7. Business Outreach: Eliminating Illicit Discharges	139
BMP B-8: Enhanced Public Outreach for Bacteria (E. coli).....	141
BMP B-9. Enhanced Employee Training for Bacteria (E. Coli)	143
C. BMPs to Address Benthic/Sediment.....	144
BMP S-1. Lower Threshold for Compliance: Erosion & Sediment Control Program	145
BMP S-2. Town of Vinton MS4 BMP Capital Improvement Program (CIP)	147
BMP S-3. Enhanced Public Outreach for Sediment.....	148
BMP S-4. Enhanced Employee Training for Sediment	151
BMP S-5. Contractor Appreciation Program	152
BMP S-6. Public Street Sweeping and Fall Leaf Collection Programs	154

Executive Summary

The Town of Vinton finds that the uncontrolled and polluted stormwater runoff to the Town's storm sewer system has an adverse impact on the water quality of the receiving waters. When left uncontrolled, this water pollution can result in the destruction of fish, wildlife, and aquatic life habitat; a loss in aesthetic value; and it threatens public health by contaminating food, drinking water supplies, and recreational waterways.

The Town was originally issued a VSMP permit effective July 8, 2003 (Permit No. VAR040026) and successfully met the requirements over the initial five-year permit period. The VSMP permit was re-issued on July 14, 2008, and expired on July 8, 2013. The third VSMP permit was re-issued on July 1, 2013, and expired on June 30, 2018. The fourth VSMP permit was re-issued on November 1, 2018, and expired on October 31, 2023. The fifth VSMP permit was re-issued on November 1, 2023, and will expire on October 31, 2028. While the basic framework has not changed, several permit modifications require changes to the Town's stormwater management program.

The Town is committed to continuing the development, implementation, and enforcement of its Municipal Separate Storm Sewer System (MS4) Program that is designed to reduce the discharge of pollutants from the regulated MS4 and to addressing impaired waters that the MS4 discharges into to the maximum extent practicable (MEP). The main goal of this program is to protect water quality, and to improve waters into which the regulated small MS4 discharges.

Since 2003, the Town with the cooperation with Roanoke County, has developed and continues to develop a comprehensive plan to meet the conditions of the MS4 permit to the maximum extent practicable as outlined in six minimum control measures (MCMs) practices:

***MCM-1: Public Education and Outreach**

***MCM-2: Public Involvement and Participation**

MCM-3: Illicit Discharge Detection and Elimination (IDDE)

***MCM-4: Construction Site Stormwater Runoff and Erosion and Sediment Control**

***MCM-5: Post-Construction Stormwater Management for New Development and Development on Prior-Developed Lands**

MCM-6: Pollution Prevention and Good Housekeeping for Facilities Owned or Operated by the Permittee within the MS4 Service Area

TMDL: TMDL Special Conditions

*The Town along with the cities of Roanoke and Salem has contracted with the Clean Valley Council (CVC) to provide services to meet the permit requirements of **MCM-1: Public Education and Outreach** and **MCM-2: Public Involvement and Participation**. Additionally, the Town has and continues to partner with Roanoke County and Western Virginia Water Authority (WVWA) to meet some of its permit requirements under MCM-1 and MCM-2, and its TMDL Action Plans for sediment and bacteria. The associated Best Management Practices (BMPs) for which CVC, Roanoke County, and WVWA are responsible, or partially responsible, are listed below:

- BMP 1-3: Stream Monitoring and Education
- BMP 1-4: Stormwater Educational Programs and Activities
- BMP 1-5: Stormwater Public Awareness Program
- BMP 2-1: Storm Drain Stenciling Program
- BMP 2-2: Clean-up and Environmental Events
- BMP 2-4: Household Hazardous Waste Collection Events
- BMP S-3: Enhanced Public Education & Outreach
- BMP B-2: Enhanced Public Outreach for Bacteria

*Roanoke County is responsible for the **MCM-4: Construction Site Stormwater Runoff Control** and its associated BMPs. Since February 14, 1984, the County of Roanoke has been responsible for the Erosion and Sediment Control program for the entire County area, including the Town of Vinton. On April 5, 2016, a resolution was adopted by the Vinton Town Council for the establishment of a Memorandum of Understanding (MOU) agreement between the County of Roanoke Board of Supervisors and the Vinton Town Council for the County to continue to administer the Virginia Erosion and Sediment Control Program (VESCP) and to administer the Virginia Stormwater Management Program (VSMP) for the Town of Vinton.

Roanoke County Board of Supervisor adopted the combined Erosion and Stormwater Management (ESM) Ordinance on July 9, 2024, with the ESM ordinance became effective on August 1, 2024. The Town Council adopted Roanoke County's ESM ordinance on September 17, 2024. The Town Council also adopted a resolution on September 17, 2024, to enter a Memorandum of Understanding (MOU) with Roanoke County, for the County to serve as the Virginia Erosion and Stormwater Management Program (VESMP) Authority for the Town of Vinton.

The Town Planning and Zoning Department has and will continue to work with Roanoke County Department of Development Services and Roanoke County Stormwater Manager to ensure that the MCM-4 associated BMPs as listed below are continued to be implemented and enforced. Please note that the listed BMPs are amended to be aligned with the County's MCM-4 since the County is responsible for this MCM-4.

- BMP 4-1: Legal Authorities
- BMP 4-2: Plan Review
- BMP 4-3: Site Inspections
- BMP 4-4: Compliance and Enforcement
- BMP 4-5: Responsible Land Disturber Certification

*Roanoke County is also responsible for the **MCM-5: Post-Construction Stormwater Management in New Development and Development on Prior-Developed Lands** and its associated BMPs. On April 5, 2016, a resolution was adopted by the Vinton Town Council for the establishment of a Memorandum of Understanding (MOU) agreement between the County of Roanoke Board of Supervisors and the Vinton Town Council for the County to administer the Virginia Stormwater Management Program (VSMP) for the Town of Vinton. The County became the Town's VSMP administrator as of June 1, 2016, with the approval of the State Water Control Board, as indicated in the DEQ correspondence dated May 27, 2016.

The Town Planning and Zoning Department has and will continue to work with Roanoke County Department of Development Services and Roanoke County Stormwater Manager to ensure that the MCM-5 associated BMPs as listed below (BMP 5-1 to BMP 5-4) continue to be implemented and enforced. Please note that the listed BMPs are amended to be aligned with the County's MCM-5 since the County is responsible for this MCM-5.

- BMP 5-1: Stormwater Management Legal Authorities
- BMP 5-2: Post-Construction Inspections for Existing Stormwater Management Facilities
- BMP 5-3: Stormwater Management Facility Tracking
- BMP 5-4: Strategies to Encourage Long-Term Maintenance of Stormwater Control Measures on SFR lots
- BMP 5-5: Storm Sewer System Maintenance – Responsibility of the Town Public Works Department

Since 2016, the Town has partnered with Roanoke County Stormwater Program Manager in the distribution of Roanoke County Stormwater Newsletter. The annual stormwater newsletter is distributed to all Roanoke County residences including Town of Vinton residences. This partnership will continue and has received positive feedback from the Town's residents. Additionally, Roanoke County Stormwater Program Manager also sent out stormwater educational postcards, monthly newsletter (ESC, swimming pool, pet waste, etc. BMP materials) via email and/or Roanoke County Planning Department monthly newsletter.

To deliver a consistent message across the entire Roanoke Valley region, the Town participates in the Roanoke Valley-Alleghany Regional Commission's Regional Stormwater Advisory Committee. This group is comprised of neighboring MS4s and interested parties such as the Clean Valley Council (CVC), Western Virginia Water Authority (WVWA), Friends of the River, Virginia Western Community College, the Virginia DEQ, and others.

The Town intends to continue its participation in regional efforts to educate the public and developers. These efforts are in cooperation with Roanoke Valley governments and other regional organizations such as the Clean Valley Council (CVC), Roanoke Valley Resource Authority (RVRA), Roanoke Valley Television (RVTV) Channel 3, Roanoke Valley-Alleghany Regional Commission (RVARC), Friends of the River, Roanoke Valley Greenway Commission, Roanoke Valley Urban Forestry Council (RVUFC), Western Virginia Water Authority (WVWA), and Blue Ridge Land Conservancy. Strong regional cooperation is instrumental in minimizing pollutants in the Roanoke River, creeks and streams, and providing Roanoke Valley citizens with clean water now and into the future.

The Town seeks to implement a comprehensive stormwater management program that addresses stormwater quality and quantity and protects aquatic habitats through positive action.

Beginning in January 2020, the Planning and Zoning Department is again responsible for the overall coordination of the Virginia Stormwater Management Program (VSMP/VESMP) and MS4 compliance.

The Minimum Control Measures and associated BMPs developed by the Town and Roanoke County to satisfy the MS4 Permit requirements are described in detail in the Town's and the County's MS4 current Program Plans. In addressing the six MCMs, the Town emphasizes the importance of lowering sediment and bacteria discharges to the storm sewer systems in accordance with the approved TMDLs within the Town. This Annual Report provides the required documentation regarding those MCMs and BMPs for the **reporting period of July 1, 2024 - June 30, 2025**. Both documents are posted on the Town's website at: <https://www.vintonva.gov/230/MS4-Permit>.

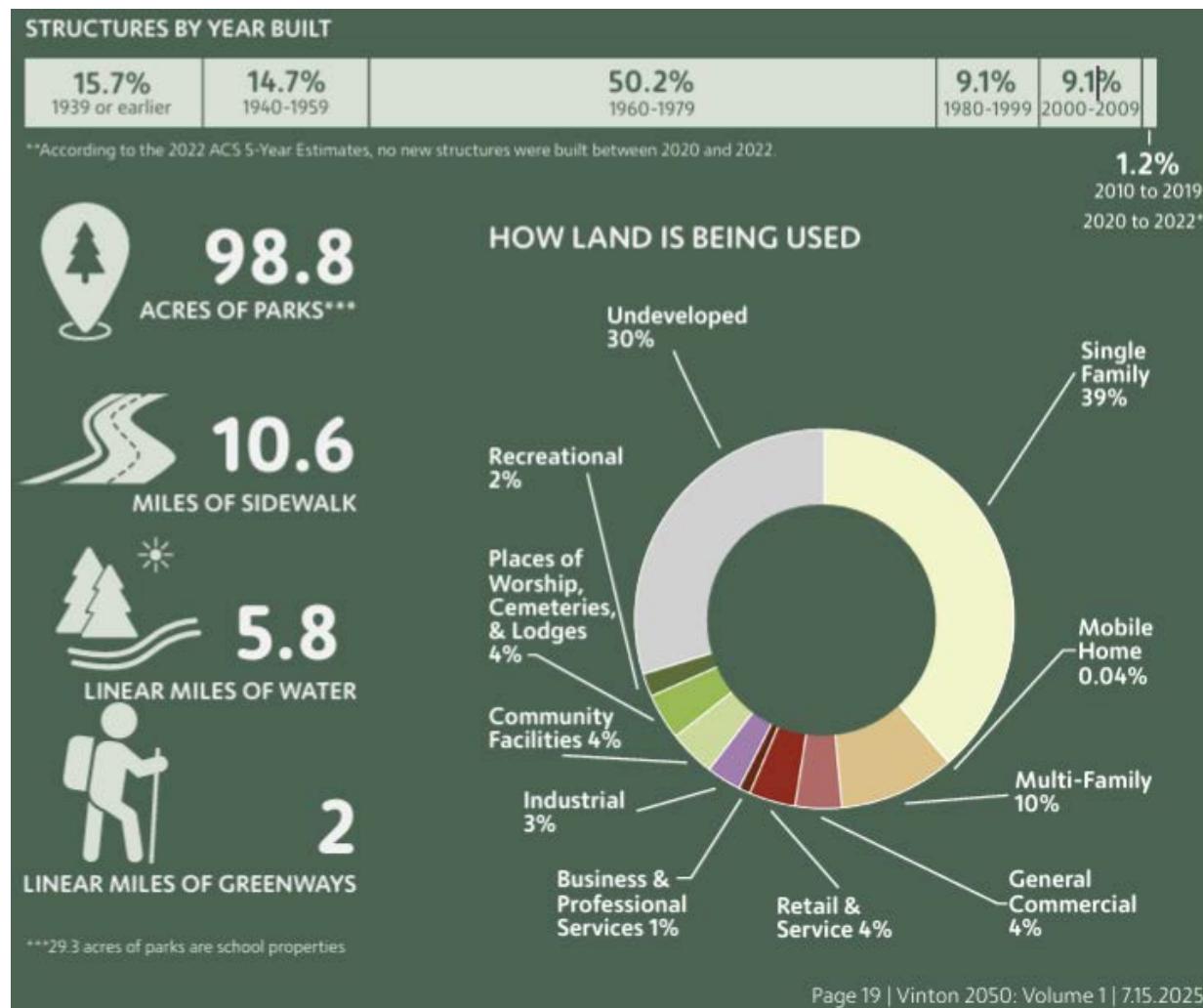
Community Profile

The Town has a population of 8,059 based on 2020 Census; contains 3.2 square miles in area; and 43.7 miles of roadways. Based on the recently adopted Vinton 2050 Comprehensive Plan, the Town's Land Use categories are shown in the table below. The undeveloped/vacant land is about 30% and consists of heavily wooded areas with steep slopes that are not optimal for development. Majority of the residential areas were developed before the Town adopted the stormwater quality management requirements in 2003 under the VSMP Phase II requirements.

Land Use	Percent of Vinton
Single Family	39.049%
Mobile Home	0.044%
MultiFamily	9.984%
General Commercial	3.656%
Retail Service	3.787%
Business & Professional Service	1.292%
Industrial	3.233%
Community Facilities	3.911%
Places of Worship, Cemeteries, Lodges	3.543%
Recreational	1.506%
Vacant	29.996%
Total	100%

Land Use Data

Vinton 2050 Comprehensive Plan – Adopted in July 2025



Land Use Data

Vinton 2050 Comprehensive Plan – Adopted July 15, 2025

Stormwater Management Program

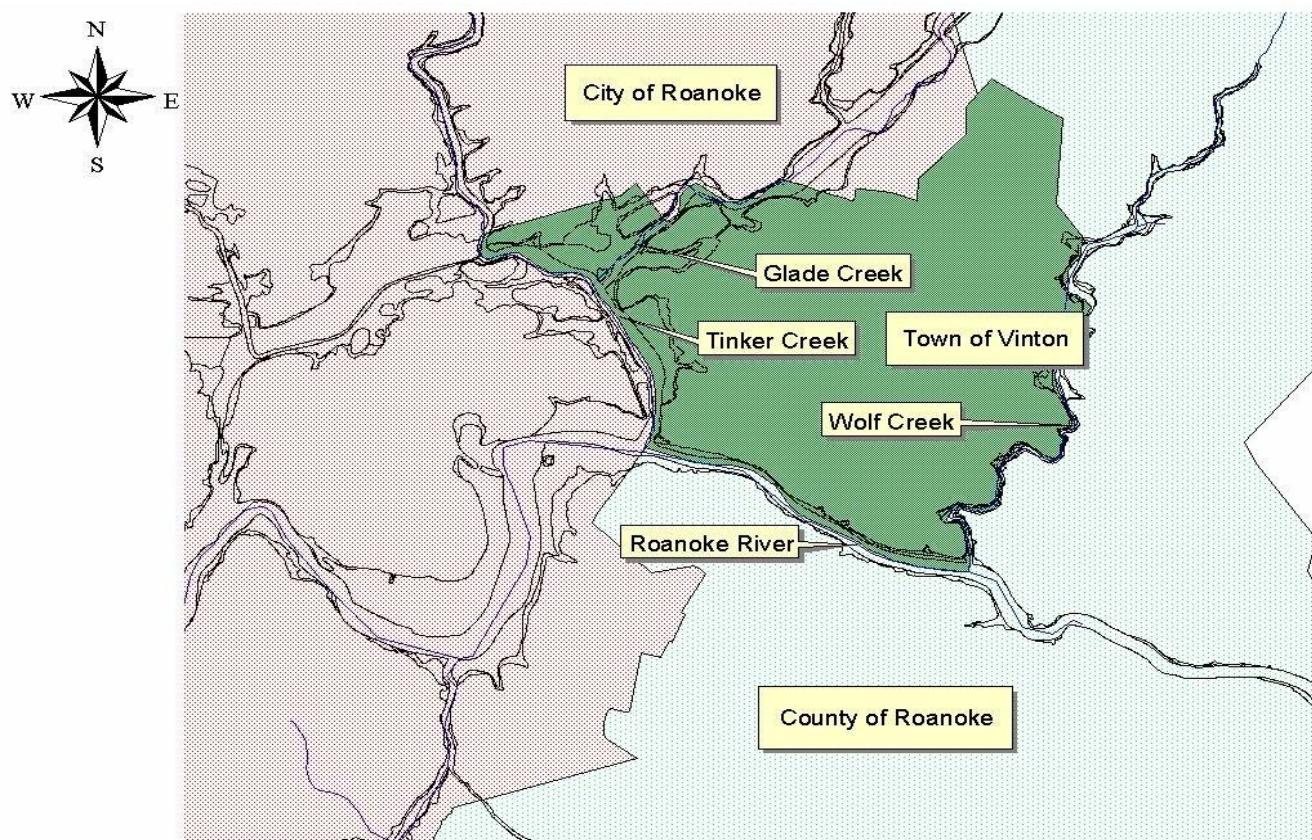
The Town's commitment to establish and sustain a comprehensive program that protects the Town's stormwater quality has been made through strong regional cooperation for the implementation of the minimum control measures practices. The Town has and continues to partner with Roanoke County in the stormwater management program. Roanoke County continues to provide services to the Town through already in place agreements for the administration and enforcement of the Virginia Erosion and Sediment Control (ESC) since 1984 and Virginia Stormwater Management Program (VSMP) requirements since April 2016. These agreements were amended when Vinton Town Council adopted a resolution on September 17, 2024, to enter a Memorandum of Understanding (MOU) with Roanoke County, for the County to serve as the Virginia Erosion and Stormwater Management Program (VESMP) Authority for the Town of Vinton. As the Town's VESMP Administrator, Roanoke County is responsible for any development, redevelopment activities that include plan review, approval, permit issuance, inspections, enforcements for site and best management practice facilities for land disturbing and construction activities, stormwater best management facilities inspections, etc. Roanoke County has and continues to provide

schools, parks, recreation and tourism services, building reviews, inspections, and approval services and administration.

The Town's Physically Interconnected MS4s to which It Discharges

The Town of Vinton is in Roanoke County, and it is bordered on its western and northern limits by the City of Roanoke. To the east, lie Roanoke County and the Blue Ridge Parkway. The southern border lies along the Roanoke River. The northwest and west portions of the Town are bordered by Glade Creek and Tinker Creek. The eastern portion is bordered by Wolf Creek. The Town has 90 miles of roadways and the stormwater outfalls discharging to the waters of the state: Glade Creek, Tinker Creek, Wolf Creek and Roanoke River; see Figure 1.

The Town owns and maintains its roadway systems and provides solid waste collection to its citizens. The Town transports its solid waste to Tinker Creek Transfer Station, which is owned and operated by the Roanoke Valley Resource Authority (RVRA) and funded by the Cities of Roanoke and Salem, County of Roanoke, and Town of Vinton. As of July 1, 2022, the Town sold its water and wastewater systems to Western Virginia Water Authority (WVWA).



Receiving Waters for the Town of Vinton – City of Roanoke, Roanoke County, Glade Creek, Tinker Creek, Wolf Creek, and Roanoke River.

The Town transports its solid waste to Tinker Creek Transfer Station, which is owned and operated by the Roanoke Valley Resource Authority (RVRA) and funded by the Cities of Roanoke and Salem, County of Roanoke, and Town of Vinton.

Watershed Summary

This section details a list of all known waters currently receiving discharges or that have potential to receive discharges from the regulated small MS4. The following Table 1 lists the waterways, and the Hydrologic Unit Codes (HUC) as identified in the most recent version of the Virginia's 6th Order National Watershed Boundary Dataset and the estimated drainage areas in the Town of Vinton, served by the regulated small MS4 discharging to these surface waters.

Watershed	Hydrologic Unit	Impaired Receiving Waters	Drainage Area (Estimated in Acres)
Glade Creek	RU13	Glade Creek	711
Roanoke River	RU14	Roanoke River	148
Tinker Creek	RU13	Tinker Creek	489
Wolf Creek	RU14	Roanoke River	663

Town of Vinton Watersheds HUC's, Impaired Receiving Waters, and Drainage Areas inside Town of Vinton

SECTION I. MINIMUM CONTROL MEASURES

Pursuant to 9VAC25-89-40, Part I (Discharge Authorization and Special Conditions), the following Minimum Control Measures (MCMs) describe the actions that the Town of Vinton will use to develop, implement, and enforce its MS4 Program, all of which are designed to reduce the discharge of pollutants from this small MS4 to the maximum extent practicable (MEP). The measures will also be employed to protect water quality and to satisfy the appropriate water quality requirements of the State Water Control Law and its attendant regulations.

- **MCM-1:** Public Education and Outreach
- **MCM-2:** Public Involvement and Participation
- **MCM-3:** Illicit Discharge Detection and Elimination (IDDE)
- **MCM-4:** Construction Site Stormwater Runoff and Erosion Sediment Control
- **MCM-5:** Post-Construction Stormwater Management for New Development and Development on Prior-Developed Lands
- **MCM-6:** Pollution Prevention and Good Housekeeping for Facilities Owned or Operated by the Permittee within the MS4 Service Area
- **TMDL:** Total Maximum Daily Load (TMDL) Special Conditions

NOTE:As per Part I.B. of the MS4 General Permit, implementation of the above-listed MCMs and the Chesapeake Bay and Local TMDL requirements in Part II (as applicable) consistent with the provisions of an iterative MS4 program required pursuant to the MS4 General Permit constitutes compliance with the standard of reducing pollutants to the “maximum extent practicable,” provides adequate progress in meeting water quality standards and satisfies the appropriate water quality requirements of the State Water Control Law and its attendant regulations. Due to this iterative nature of the MS4 Program, over the course of the permit term, Town of Vinton may find it necessary to change or replace one or more of the “anticipated” Best Management Practices (BMPs) used to satisfy the MCMs; such changes/replacements will be made when the Town finds the BMP(s) to be ineffective.

This annual report will provide an evaluation of the MS4 Program Plan implementation, including a review of each MCM to determine the MS4 program's effectiveness and whether changes to the MS4 Program Plan are necessary.

MCM 1: PUBLIC EDUCATION AND OUTREACH

MCM 1 is intended to implement a public education program to distribute and make available educational materials to the community and conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff.

A mix of best management practices (BMPs) has been chosen to target school children through outreach programs in the Roanoke County School System which include the Town of Vinton. Homeowners, restaurateurs, industries and the public have also been targeted through wastewater education, public forums, and Save Our Streams (SOS) field days. The goals of this minimum control measure are:

1. Increase the public's knowledge of how to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns.
2. Increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications; and
3. Implement a diverse program with strategies that are targeted toward individuals or groups most likely to have significant stormwater impacts.

The Town has amended the Best Management Practices (BMPs), as follows, to meet these program goals:

BMP 1-1. Stormwater Educational Resources, Publications, Links, and Programs

The Town has created and will maintain a comprehensive listing of existing stormwater-related agencies and organizations along with pertinent educational programs and resources, which shall be made available to the public by way of the Town's stormwater website.

BMP 1-2. Stormwater Educational Materials/Roanoke County Stormwater Newsletter

A partnership with Roanoke County Stormwater Division in the creation and distribution of the Roanoke County Stormwater Informational Mailer, which will be annually distributed to all Roanoke County and Town of Vinton residences.

BMP 1-3. Stream Monitoring and Education

On behalf of the Town through a Cooperative Agreement, Clean Valley Council will provide stream monitoring and informational stream seminars for Town residents.

BMP 1-4. Stormwater Educational Programs and Activities for School Children and Teachers/Adults

On behalf of the Town through a Cooperative Agreement, Clean Valley Council will develop and implement a stormwater educational program for the Town school age children. Different programs will target appropriate grade levels.

BMP 1-5. Stormwater Public Awareness Programs

On behalf of the Town through a Cooperative Agreement, Clean Valley Council and continued partnership with Roanoke County, the Town will develop and implement a Stormwater Public Awareness Program that includes the distribution of stormwater merchandise, public service announcements, and other high visibility educational media. The program includes:

1. A list of the high-priority stormwater issues that the Town will communicate to the public as part of its public education and outreach program.
2. The rationale for selection of each high-priority stormwater issue and an explanation of how each education or outreach strategy is intended to have a positive impact on stormwater discharges.
3. Identification of the public audience to receive each high-priority stormwater message.
4. The strategies from Table 1 of Part I.E.1.d. to be used to communicate each high priority stormwater message; and
5. The anticipated time periods the messages will be communicated or made available to the public.

BMP 1-6. Town of Vinton Stormwater Webpage

The Town will maintain and expand its Stormwater webpage to inform the public on the various ways to reduce stormwater pollution, placing priority on reducing impacts to impaired water and addressing other local water pollution concerns.

BMP 1-7. Targeted Education Program

The Town implements a stormwater quality education program for specific targeted audiences within the Town. This BMP coordinates with BMP 1-5.

1. Identification of the public audience to receive each high-priority stormwater message; should the Town identify staff and students as the target audience for education and outreach strategies, staff shall not be the majority of the target audience.
2. The strategies from Table 1 of Part I.E.1.d. of the MS4 Permit that the Town will use to communicate each high-priority stormwater message; and
3. The anticipated time periods the messages will be communicated or made available to the public.

This annual report provides a detailed description of the goals of each BMP, the status of the Town's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the overall MS4 Program goals. In addition, the strategies to ensure consistency with local TMDLs are also provided, and they are broken down by impairment type: Escherichia coli (*E. coli*) bacteria (EC), or sediment (SED).

BMP 1-1. Stormwater Educational Resources, Publications, Links, and Programs

Goal: The goal of this BMP is to create and maintain a comprehensive listing of stormwater-related agencies and organizations, educational programs and resources, such as current publications, websites, videos, maps, and training opportunities that directly address stormwater management issues such as stormwater quality, floodplain management, stormwater pollution prevention, conservation practices, and riparian habitat protection. Additionally, Roanoke County and CVC maintain and update a collection of handouts and web resources. These materials are available to all citizens across the region, and handout materials are distributed at various events, as described in later sections of this report. The public will be made aware of these resources by way of the Town's stormwater website: <https://www.vintonva.gov/227/Publications-Resources>. The Clean Valley Council website link for its updated link is as follows: www.cleanvalley.org.

Responsible Party: Town of Vinton's Planning and Zoning Department

Schedule: The Town maintains and annually updates its stormwater resources database, which provides contact information and website links to aid the public in accessing the various stormwater educational resources.

Measurable Goal: Success for this BMP will be measured by tracking website usage and the number of requests received by the Town for this or similar data.

Webpage Name	Unique Page Views	Page Views
Vinton, VA – Official Website - Publications & Resources (PID 227)	12	17
Vinton, VA – Official Website - Public Outreach and Education (PID 393)	16	28
Vinton, VA – Official Website - Quick Facts (PID 228)	16	21
Vinton, VA – Official Website - Rain Barrels (PID 398)	33	38
Vinton, VA – Official Website - Stormwater Public Education Videos (PID 396)	8	9
Vinton, VA – Official Website - Stormwater Quality Information (PID 209)	39	86
Vinton, VA – Official Website – MS4 (VSMP) Permit (PID 230)	73	126
*Vinton, VA – Official Website – Balloon Releases = Littering (PID 495)	16	17
TOTALS FOR YEAR TWO -- July 1, 2024 through June 30, 2025	213	342

Permit Year	Viewing Statistics
2023 – 2024 (Year 1)	8 Document Views
2024 – 2025 (Year 2)	10 Document Views

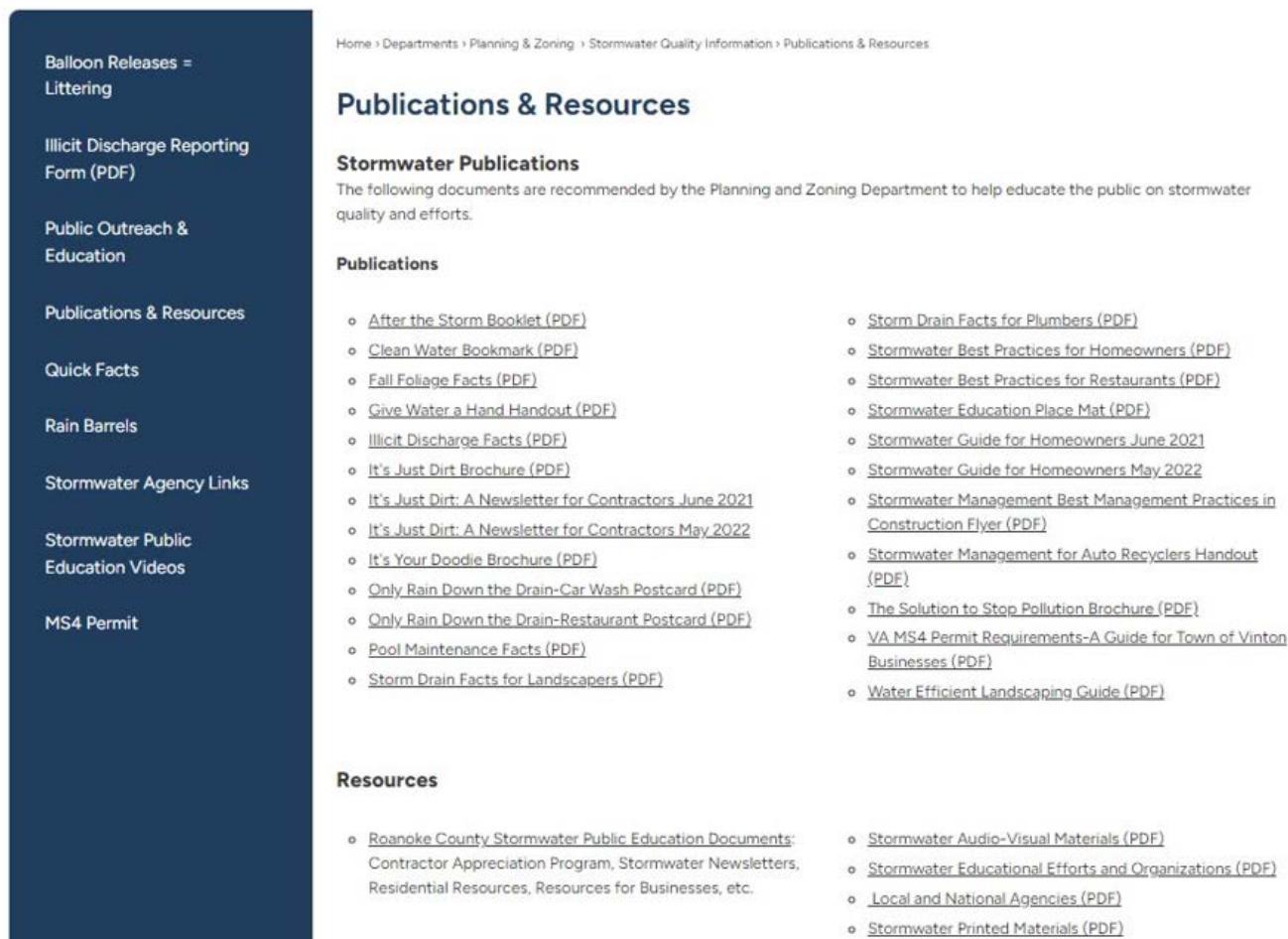
TMDL Consistency: The sources available on the Town's, Roanoke County's, and CVC's websites provide extensive educational material concerning the damage pet waste and sediment can do to the waterways (EC/FC, SED). The Town's website provides links to the websites of Roanoke County, CVC, state, and federal that include erosion and sediment control regulations for developers that are interested in ways to stabilize a construction site.

The County's stormwater website highlights a page discussing "Non-point Source Pollution (NPS)." This page illustrates how agriculture and straight pipes can contribute to the overall stormwater pollution problem (EC) and provides a list of NPS pollutants, including fertilizer and pesticides from lawns or farms; organic wastes from manure and sewage; pathogens such as bacteria and viruses; salt from irrigation and acid-mine drainage; sediment from erosion of unprotected lands; and toxins such as airborne chemicals, oils, and metals. (EC, PCBs, SED).

The County's website also contains a "PCBs Fact Sheet" and highlights Illicit Discharge Detection and Elimination (IDDE) using various public service messages from the County's IDDE Public Outreach video kit. The associated messages directly tie to the TMDLs (EC, SED, PCBs). The Fact Sheet can be accessed via the link below:

<https://www.roanokecountyva.gov/DocumentCenter/View/9349/PCB-Facts-May-2017?bidId=>

Evaluation and Modification: In accordance with the MS4 Program Plan, the number of website visits to this database within the permit year illustrates whether the website is an effective format to distribute the information concerning stormwater educational resources. With site visits and page views as shown, the Town believes this BMP is successful. No modifications are planned for this BMP.



The screenshot shows a website page with a dark blue sidebar on the left and a white content area on the right. The sidebar contains links to various stormwater resources. The content area includes a breadcrumb trail, a main title, and two sections: 'Stormwater Publications' and 'Resources', each with a list of links to PDF documents.

Home > Departments > Planning & Zoning > Stormwater Quality Information > Publications & Resources

Publications & Resources

Stormwater Publications

The following documents are recommended by the Planning and Zoning Department to help educate the public on stormwater quality and efforts.

Publications

- [After the Storm Booklet \(PDF\)](#)
- [Clean Water Bookmark \(PDF\)](#)
- [Fall Foliage Facts \(PDF\)](#)
- [Give Water a Hand Handout \(PDF\)](#)
- [Illicit Discharge Facts \(PDF\)](#)
- [It's Just Dirt Brochure \(PDF\)](#)
- [It's Just Dirt: A Newsletter for Contractors June 2021](#)
- [It's Just Dirt: A Newsletter for Contractors May 2022](#)
- [It's Your Doodle Brochure \(PDF\)](#)
- [Only Rain Down the Drain-Car Wash Postcard \(PDF\)](#)
- [Only Rain Down the Drain-Restaurant Postcard \(PDF\)](#)
- [Pool Maintenance Facts \(PDF\)](#)
- [Storm Drain Facts for Landscapers \(PDF\)](#)
- [Storm Drain Facts for Plumbers \(PDF\)](#)
- [Stormwater Best Practices for Homeowners \(PDF\)](#)
- [Stormwater Best Practices for Restaurants \(PDF\)](#)
- [Stormwater Education Place Mat \(PDF\)](#)
- [Stormwater Guide for Homeowners June 2021](#)
- [Stormwater Guide for Homeowners May 2022](#)
- [Stormwater Management Best Management Practices in Construction Flyer \(PDF\)](#)
- [Stormwater Management for Auto Recyclers Handout \(PDF\)](#)
- [The Solution to Stop Pollution Brochure \(PDF\)](#)
- [VA MS4 Permit Requirements-A Guide for Town of Vinton Businesses \(PDF\)](#)
- [Water Efficient Landscaping Guide \(PDF\)](#)

Resources

- [Roanoke County Stormwater Public Education Documents: Contractor Appreciation Program, Stormwater Newsletters, Residential Resources, Resources for Businesses, etc.](#)
- [Stormwater Audio-Visual Materials \(PDF\)](#)
- [Stormwater Educational Efforts and Organizations \(PDF\)](#)
- [Local and National Agencies \(PDF\)](#)
- [Stormwater Printed Materials \(PDF\)](#)

Clean Valley Council's Website Viewing Data for Year Two Reporting

Month/Year	Sessions	Visitors
July 2024	439	349
August 2024	441	325
September 2024	602	375
October 2024	707	469
November 2024	516	363
December 2024	580	404
January 2025	861	615
February 2025	524	362
March 2025	864	577
April 2025	1226	879
May 2025	718	521
June 2025	914	650
Total	7951	5564
Average	699.33	490.75

BMP 1-2. Stormwater Educational Materials/Roanoke County Stormwater Newsletter

The Town provides its citizens with an annual calendar in early December of each year that contains information on stormwater, special refuse pick-ups, household hazardous waste collection, fall leaf collection, adopt a truck program, clean-up week, and recycling collections. The calendar also lists environmental events in the Town and Roanoke Valley. Roanoke County Stormwater Division creates and distributes an annual Stormwater Newsletter, which is mailed to every residence in Roanoke County and the Town of Vinton.

Stormwater educational materials were given out to students and adults through school outreach programs and community special events such as Roanoke Valley Home Show, Vinton Fall Festival, Earth Day Celebration, and select locations including the Vinton Municipal Building, Roanoke County Administration Building, and Roanoke County Vinton Branch Library.

Goal: The Town along with Roanoke County will continue to develop stormwater educational mailer for the public and for specific commercial businesses. The purpose of the County of Roanoke's newsletter is to (1) increase the public's knowledge on ways to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns; and (2) increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications. The target public audience for this publication will be the County and Town residents. Additionally, the Town Treasurer/Finance Department continues to hand-out the "Pick It Up.... Its' Your "Doodie"!" brochure to pet owners that come in to obtain and/or renew their dog/cat tag.

The newsletter, while primarily aimed at County and Town residents, will also address regional issues that affect the entire Roanoke River watershed. Topics may include litter prevention, stormwater pollution prevention, stormwater quality education, best residential management practices, updates on local impaired water bodies, and TMDLs. It will also include subjects that are specific to Roanoke County's Stormwater Management Program, that include the Town of Vinton. The stormwater newsletter's focus will be coordinated with the high-priority water quality issues identified in **BMP 1-5**. The Town will post a version of the materials on its website and/or link for additional outreach, in addition to making these educational materials available at special events and the Information Center located in the lobby of the Town Municipal building.

Responsible Party: The Town Planning and Zoning Department in cooperation with Roanoke County Department of Development Services/Stormwater Program Manager.

Schedule: The Town provides its annual 2024 calendar to every residence in the Town. Additionally, Roanoke County provides its annual newsletter to every single-family residence in the County and the Town; and distributes copies to the public libraries and schools. The newsletter is posted on the County's stormwater website at:

[Stormwater Public Education Documents | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](http://roanokecountyva.gov/Stormwater_Public_Education_Documents)

Measurable Goal: For year two, Town's calendar which contains stormwater information was mailed to more than 4,550 to all households and businesses within the Town Limits. In March 2025, Roanoke County mailed the annual stormwater newsletter to 35,094 County's and Town's residences. The Town Treasurer/Finance Department continues to hand-out the "Pick It Up.... Its' Your "Doodie"!" brochure to pet owners that come into their office, to obtain and/or renew their dog/cat tag. The Annual Stormwater newsletter and list of addresses where the County's stormwater newsletter was mailed to, can be accessed via the link below:

<https://www.roanokecountyva.gov/DocumentCenter/Index/1950>

Permit Year	Type Educational Material	Target Group	Number Reached
2023 – 2024 (Year 1)	Roanoke County Stormwater Newsletter – February 2024	Town and County Residences	34,883
	Town of Vinton Annual Calendar – December 2023	Town Residences and Business Owners	~ 4,450
2024 – 2024 (Year 2)	Roanoke County Stormwater Newsletter – March 2025	Town and County Residences	35,094
	Town of Vinton Annual Calendar – December 2024	Town Residences and Business Owners	~ 4,550

*Note: The mailing list is provided in the Roanoke County MS4 Annual Report Supporting Documents, which can be accessed via this link:

[roanokecountyva.gov/DocumentCenter/View/29892/Residential-Mailing-List-2024-2025](https://www.roanokecountyva.gov/DocumentCenter/View/29892/Residential-Mailing-List-2024-2025)

TMDL Consistency: Roanoke County informative annual stormwater newsletter helps address sediment and bacteria.

Evaluation and Modification: The Town Planning and Zoning Department will continue to work with Roanoke County Stormwater Division to ensure that the distribution of Roanoke County annual stormwater newsletter will include Town residences, which have been done since 2016. The County's newsletter exclusively focuses on stormwater issues for homeowners. It has been well received by Town residents, making it an effective BMP for delivering stormwater-related information and education to County residents. No modifications are planned for this BMP.

BMP 1-3. Stream Monitoring and Education

The Town of Vinton in cooperation with Clean Valley Council and the local chapter of the Virginia Save Our Streams will coordinate and conduct "Stream School Seminar" with school students, teachers and interested citizens during school year and at local environmental events such as the annual Fall Waterways Clean-up, Go Fest, etc. CVC conducted classroom programs and STEAM (Science Technology Engineering Arts Mathematics) Day Event at the County/Town Schools and area colleges. The programs/events addressed stormwater, litter, recycling, nutrient and sediment issues.

Goal: In cooperation with the Clean Valley Council (CVC), the Town provides stream monitoring and informational stream seminars for Roanoke County/Town students and residents. Clean Valley Council also provides stream monitoring and informational stream seminars valley-wide during the annual three-day Go Fest event, schools within Roanoke Valley including Botetourt and Franklin Counties.

The goal of this BMP is to educate students and residents about field procedures for biological stream monitoring, in addition to motivating citizens to monitor waterways in their neighborhood and to enhance grassroots cooperation to promote the importance of stream monitoring within the Town. These seminars and monitoring sessions provide some field exposure to aquatic habitats, update citizens on local, state, and federal water quality regulations, and keep citizens updated on local stream health.

Responsible Party: Town's Planning and Zoning Department, through the Cooperative Agreement with Clean Valley Council.

Schedule: On behalf of the Town, the Clean Valley Council educates Roanoke County Public School System, which includes the Town students and citizens by holding stream education seminars and monitoring sessions. Special emphasis is placed on monitoring stream segments with a TMDL designation.

Measurable Goal: Tracking the number of citizens/students involved in stream monitoring activities conducted by the CVC on behalf of Vinton, and the number of stream schools given by the CVC, the number of participating students, teachers, and adults.

Permit Year	Number of Stream School Seminars (CVC)	Attendance
2023 – 2024 (Year 1)	8 (32 Valley-wide)	253 Students (824 Valley-wide) 8 Adults (61 Valley-wide)
2024- 2025 (Year 2)	36 (Vinton)	254 Students (Vinton) 6 Adults (Vinton)

Note: Stream school educational programs were given at William Byrd Middle School which is located adjacent to Wolf Creek.

Stream School Seminars – In-Person Programs that Served Town of Vinton Schools and Teachers/Adults, are shown in the Table below.

Date	Location/School	Type of Event	Program Name	# Programs	# Students	# Adults
9/30/2024	William Byrd Middle School	Education Program	Stream School	9	56	2
10/1/2024	William Byrd Middle School	Education Program	Stream School	9	67	2
10/2/2024	William Byrd Middle School	Education Program	Stream School	9	59	1
10/7/2024	William Byrd Middle School	Education Program	Stream School	9	72	1
TOTAL				36	254	6

 Clean Valley Council	<h2>Outdoor Stream School</h2> <p><i>What is our local watershed and how does pollution affect our ecosystems?</i></p>
<p>Grade Level Biology, APES</p> <p>High Priority Issues Pollution Prevention, Excess Bacteria, Sediments, Nutrients</p> <p>Standards of Learning LS.6, LS.7, LS.8, LS.9, LS.10, LS.11, ES.8, BIO.2, BIO.8</p> <p>Duration 45-60 minutes</p> <p>Setting Outdoor Space near stream</p> <p>Vocabulary Benthic Macroinvertebrate, Riparian Corridor, Vegetative Cover, Soil Erosion, Sedimentation, Point Source Pollution, Nonpoint Source Pollution, Bacterial Load, Nutrient Load, Eutrophication, Algal Bloom, Turbidity, pH, Dissolved Oxygen, Bioassessment, Best Management Practice</p> <p>Character Education Personal effects on effects on watershed. Economic effects of external cost from pollution.</p>	<p>Summary Students will perform a series of chemical and biological assessments on a local stream. This will enhance their understanding of the factors involved in determining water quality, and the connection between point source and non-point source pollution in their waterways. Common pollutants such as sediment, animal waste, nutrients, fossil fuels, and litter, including cigarette butts are discussed.</p> <p>Materials</p> <ul style="list-style-type: none"> • Watershed maps • Stream School Kit • Water shoes for students <p>Pre-Teaching Options</p> <ul style="list-style-type: none"> • Watersheds • Ecosystems <p>Objectives Students will:</p> <ul style="list-style-type: none"> • Identify their local watersheds and map the movement of water from the land to storm drains where it empties into local waterways and ultimately the ocean • Identify macroinvertebrates and discuss how they can determine water quality. • Discover best management practices for preventing water pollution

TMDL Consistency: Stream school activity allows citizens to understand the many factors that can affect life in a stream. The effects of pet waste, stream bank erosion, nutrients, and agricultural runoff are discussed during the monitoring sessions as being likely contributors to degraded water quality in receiving streams (EC/FC and SED).

Evaluation and Modification: The number of seminars, monitoring events, and participating citizens show that this Stream School Seminars BMP is an effective method to educate young people and citizens and enhance the grass-roots monitoring effort throughout the Town and Roanoke County. The Town's goal is to continue to provide stream seminars and monitoring sessions to educate citizens and encourage their cooperation in regional water quality health. No modifications are planned for this BMP.



William Byrd Middle School Students Examined Their Findings During the October 1, October 2, and October 7, 2024 Stream School Sessions – Wolf Creek

BMP 1-4. Stormwater Educational Programs and Activities for School Children and Teachers/Adult

Clean Valley Council (CVC) educators under the direction of the Town, County of Roanoke, Cities of Roanoke and Salem, will continue developing and providing programs addressing stormwater quality issues at public and private schools, and environmental events. Town residents are served by Roanoke County Public School System (William Byrd Middle and High Schools, W.E. Cundiff and Herman L. Horn Elementary Schools), in addition to several private and parochial schools.

Additionally, the Western Virginia Water Authority (WVWA) has also developed outreach programs for elementary, middle, and high schools in Roanoke Valley. Stormwater educational giveaways such as pencils, stormwater chip clips, stormwater pamphlets, lanyards, rain gauges and funnel with stormwater messages were also given to the students that participated in these programs. In conjunction with these school programs, the CVC also holds an annual Earth Summit in November. The Town believes that these educational programs are successful in teaching school children about stormwater issues and the benefits of healthy water bodies.

Goal: The Town, through partnerships with CVC and WVWA, has established a stormwater education program for Roanoke County's schoolchildren. The CVC and WVWA educators develop and implement various programs to address stormwater pollution prevention and related water quality issues. Different programs will target appropriate grade levels and will be correlated with Standards of Learning (SOL). In addition, the messages for the various grade levels have been coordinated with the Town's high-priority water quality issues, as identified in **BMP 1-5**.

In the high school curriculum, the CVC and WVWA educators address climate change as it relates to the State Standards, and they talk about water supply management in changing climate environments (droughts, floods, etc.). Further, the CVC and WVWA outreach programs focus on reaching all customers, so their educators do not use specific efforts to reach certain demographic (ethnic) groups.

Responsible Party: The Town's Planning and Zoning Department, through the Cooperative Agreement with CVC and WVWA.

Schedule: Throughout the academic calendar year, the CVC and WVWA will provide stormwater educational programs and/or presentations to K - 12th graders and/or their teachers in public or private schools within the County/Town. The Town will document how many children have been educated on stormwater quality by tracking the number of programs provided and the number of children reached. At the end of each annual period, the Town will analyze the statistics of how many programs were provided and how many children were reached to determine the most effective method.

Measurable Goal: Success for this BMP will be measured by tracking the number of programs that were provided and the number of schoolchildren that were reached. This Annual Report contains the program names, a brief description of each program and

their goals, dates and locations of each program that was presented, the number of participants in each program, and the high-priority water quality issues they address.

CVC Educational Program Data

Permit Year	Educational Programs Given	*Student Participants	*Adult Participants
2023 – 2024 (Year 1)	4 (~70 Valley-wide)	113 (~1443 Valley-wide)	4 (~518 Valley-wide)
2024 – 2025 (Year 2)	4 (Vinton)	42 (Vinton)	2 (Vinton)

Date	School/Venue	Type of Event	Program Name	Issue Addressed	# Programs	# Students	# Adults
9/11/2024	Charles R. Hill Community Center,	Vinton Chamber of Commerce Lunch & Learn	Sustainability at Home, Work, and Play	Sustainability	1	N/A	18
11/13/2024	Charles R. Hill Community Center	Vinton Chamber of Commerce Lunch & Learn	Sustainable Practices at Home, Work, and Play	Sustainability	1	N/A	18
4/8/2025	William Byrd High School	Educational Program	Ocean of Trash; Enviroscape	Pollution Prevention, Stormwater, Nutrients, Bacteria, Sediment	2	57	2
6/10/2025	Vinton Farmers' Market	Adult Educational Program	Rain Barrel Workshop	Sustainability	1	2	16
TOTAL					5	59	54

WVWA Educational Program Data

Permit Year	Educational Programs Given (Class/Trip)	*Student Participants	*Adult Participants
2023 – 2024 (Year 1)	26 (Roanoke County)	1,648 (Roanoke County)	40 (Roanoke County)
2024 – 2025 (Year 2)	8 (Vinton) 39 (Roanoke County) 304 (Valley-wide)	150 (Vinton) 2,113 (Roanoke County) 6,212 (Valley-wide)	7 (Vinton) 57 (Roanoke County)

Date	School	Type of Event	Program Name	Issue Addressed	# Programs/Classroom	# Students	# Adults
11/4/2024	Herman L. Horn ES	Giveaway	To-Go Kit	N/A	4	63	2
3/12/2025	W.E. Cundiff ES	Carvins Cove Field Trip	Incredible Journey, Guided Hike	We All Living Downstream	2	39	3
5/15/2025	William Byrd High School	In-Class Educational Program	Which Waters Which	Urban Water Cycle	2	48	2
TOTAL					8	150	7

TMDL Consistency: The educational programs that have been and continue to be presented target sources of bacteria/E. Coli, sediment, and/or nutrients, such as “Indoor and Outdoor Stream Schools”, “Soil: Who Needs It”, “The Water Game”, “Who Polluted the River”, “Groundwater”, (EC/FC, Nutrients), “Watershed to Oceans”, “Oceans of Trash”, “Green Game”, “Rigsby/Recycling”, “Wartville Wizard”, “A World Drowning in Plastic”, and Storm drain Stenciling.– (EC/FC, SED, and Nutrients).

Evaluation and Modification: The number of school programs and students reached shows that the stormwater educational programs are an effective method to address stormwater and related water quality issues in the school system. The Town will continue the cooperative agreement with CVC for these educational programs that are grade levels appropriate and SOL applicable. The educational programs will continue to be evaluated, and new programs may be incorporated to address new issues that impact the community. No modifications are planned for this BMP.

BMP 1-5. Stormwater Public Awareness Programs

The Town of Vinton will continue to partner with Roanoke County, Roanoke City, Roanoke Valley Television (RVTV) Channel 3, The Vinton Messenger, and Clean Valley Council (CVC) in the development of relevant messages for this BMP and uses a variety of means and methods, to communicate with the public via the distribution of printed materials (brochures, fact sheets, and newsletters), radio and TV advertisements, use of websites and social media, storm drain stenciling, speaking engagements, and through giveaways of stormwater-related merchandise to bring stormwater quality issues to the attention of the Town's and Roanoke Valley's citizens.

Goal: The Town's Stormwater Public Awareness Program targets three high-priority water quality issues that contribute to the degradation of stormwater runoff and the receiving waters into which it drains: excess bacteria, excess sediments, and excess nutrients.

Rationale for Selection - Sediment and bacteria were selected because the Town has been assigned a Total Maximum Daily Load (TMDL) by DEQ for these impairments, meaning the Town has been put on a “pollution diet” to limit these two pollutants from entering its waterways. Nutrients (phosphorus and nitrogen, in particular) were chosen because they have such negative impacts on receiving waters when in large quantities. Excess nutrients wash off lawns and other managed turf areas and are carried in stormwater runoff to the area's receiving waters (streams, creeks, and the Roanoke River). Once in the waterways, they cause algal overgrowth, which in turn decreases the oxygen that marine life needs to survive. This often results in fish kills, fish illnesses, and the tainting of human food. Groundwater supplies may also be affected by nutrient pollution.

The Town's Public Awareness Program focuses on (1) how to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns; (2) increasing the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications, and (3) implementing a diverse program with strategies that are targeted toward individuals or groups most likely to have significant stormwater impacts.

The Town has developed relevant messages for this BMP and uses a variety of means and methods, including partnering with CVC, WVWA and RVTV, to communicate with the public via the distribution of printed materials (brochures, fact sheets, and newsletters), radio and TV advertisements, use of websites and social media, storm drain stenciling, speaking engagements, stormwater-related merchandise giveaways, and more.

In addition, as outlined in BMP 1-7, the Town also targets certain public audiences with specific educational materials and messages, which are designed to help them reduce stormwater pollution in their day-to-day activities.

Responsible Party: The Planning and Zoning Department, with assistance from Roanoke County Department of Development Services Stormwater Division, Roanoke County Department of Planning; CVC; WVWA, and RVTV.

Schedule: The Town's Public Awareness Program incorporates the development and distribution of printed materials, mass transit advertisements, signage at select locations, radio and television advertisements, newspaper articles, and use of websites and social media. The Town annually tracks the number and types of materials that are distributed and posted on websites/social media and the size of the audience that is exposed to such materials, as appropriate.

Measurable Goal: The Town will document the type of public awareness method that was utilized, including the size of the audience reached, and any impact indicators that show what effect the method had on behavior.

- In this annual period July 1, 2024, to June 30, 2025, CVC) reported the following news stories and raised public awareness through radio and television, reaching more than 2 million people in each quarter. Please note that some of the activities/events covered the whole Roanoke Valley.

1. Quarter 1:

August 2, 2024 – RVTY: Cox Conserves – Community Cleanup

https://youtu.be/s_nH2fy28D0?si=ZJxLeegpftLMZar8

2. Quarter 2:

November 8, 2024 – WFIR (451,600)

Neighborhood cleanup, sparks change and community involvement

<https://wfirnews.com/news/neighbor-cleanup-sparks-change-and-community-involvement>

November 5, 2024 – Cardinal News (19,657)

Fall litter cleanup set for Roanoke's Melrose Avenue for Nov. 9

<https://cardinalnews.org/2024/11/05/uva-wise-receives-11-2-million-gift-largest-in-schools-history-more/>

October 5, 2024 – Roanoke Outside

Fall Waterways Cleanup 2024

<https://roanokeoutside.com/event/fall-waterways-cleanup-2024/>

3. Quarter 3:

January 24, 2025 – The Roanoker online (55,000)

Clean Valley Day Annual Spring Cleanup

<https://theroanoker.com/events/clean-valley-day-cleanup-2025/>

February 7, 2025 – The Roanoke Star.com

Clean Valley Council Presents Roanoke Earth Day Celebration 2025

<https://www.theroanokestar.com/2025/02/07/clean-valley-council-presents-roanoke-earth-day-celebration-2025/>

4. Quarter 4:

April 4, 2025 – RVTY YouTube and Facebook

Go Green for Grandin

https://www.youtube.com/watch?v=UAee4_5hg-E

April 5, 2025 – The Roanoker online (23,000 monthly viewers)

Clean Valley Day Cleanup

<https://theroanoker.com/events/clean-valley-day-cleanup-2025/>

April 10, 2025 – Roanoke Outside events online

Buying Pesticide-Free, Pollinator-Safe Plants

<https://roanokeoutside.com/event/buying-pesticide-free-pollinator-safe-plants/>

April 14, 2025; April 15, 2025 – WVTF

Roanoke Earth Day Celebration spotlights renewable energy with "Our Power, Our Planet"

<https://www.wvtf.org/news/2025-04-14/roanoke-earth-day-celebration-spotlights-renewable-energy-with-our-power-our-planet>

Permit Year	Public Engagement	Type/Sources of Media/Merchandise
2023 – 2024 (Year 1)	~64,528 (Valley-wide)	News story links; students & public merchandise; interviews/segments on radio and TV stations; CVC's website and newspaper articles.
2024 – 2025 (Year 2)	~ More than 2 million	News story links; students & public merchandise; interviews/segments on radio and TV stations; CVC's website and newspaper articles.

Permit Year	Program Givens by CVC – Educational Programs; Anytime Cleanups; Fall Waterways; and Clean Valley Day	Number of Students Reached	Number of Adults Reached
2023 – 2024 (Year 1)	42 (Valley-wide) 1 (Vinton Clean Valley Day Clean-up – 4/05/2024)	~31,485	~39,073
2024 – 2025 (Year 2)	678 (Valley-wide) 10 – Town of Vinton	~79,315	~33,375

Clean Valley Council Total Social Post for July 1, 2024, to June 30, 2025

Website

Month	Sessions	Visitors
July	439	349
August	441	325
September	602	375
October	707	469
November	516	363
December	580	404
January	861	615
February	524	362
March	864	577
April	1226	879
May	718	521
June	914	650
Total	7951	5564
Average	699.33	490.75

Facebook

Month	Reach	Page visits	Followers	Posts
July	936	159	2,480	5
August	2,500	323	2,480	23
September	4,700	491	2,480	33
October	4,275	452	2,480	37
November	4,539	270	2,480	40
December	5,315	321	2,480	35
January	2366	358	2,565	18
February	3259	252	2,565	13
March	2276	370	2,565	26
April	5189	650	2,565	63
May	4514	360	2,565	22
June	4532	819	2,565	54
Total	44401	4825	30270	369
Average	3700.08	402.0833333	2522.5	30.75

Instagram

Months	Reach	Profile visits	New followers	Total Followers	Posts
July	106	22	18	1,144	1
August	17	7	9	1,144	0
September	457	27	3	1,144	9
October	621	30	13	1,157	7
November	568	14	11	1,157	7
December	797	43	11	1,157	16
January	464	38	12	1,246	9
February	428	23	16	1,246	4
March	524	34	21	1,246	7
April	584	73	29	1,246	12
May	242	22	20	1,246	7
June	206	95	30	1,246	13
Total	5014	428	193	14379	92
Average	417.8333333	35.666667	16.08333333	1198.25	7.667

You Tube

Month	Views
July	0
August	53
September	0
October	0
November	66
December	0
January	2
February	1
March	2
April	38
May	1
June	1
Total	164
Average	13.66667

- The Town of Vinton Planning and Zoning Coordinator who handles the Town's website and social media, posted and publicized the County's annual stormwater newsletter "Stormwater Newsletter March 2025", on the town's website, Facebook, and Twitter. The link to the Town's website under publications and resources: [Stormwater Public Education Documents | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](https://roanokecountyva.gov/Stormwater_Public_Education_Documents)

A link to Roanoke County Stormwater Public Education Documents is also listed under resources on this Town's webpage.

- The County's Department of Development Services updated a pet waste poster this reporting year, entitled "Pups Poop People Scoop," which focuses on picking up pet waste as a strategy to reduce bacteria that may enter receiving waters. The poster is on the County's website, and it was mailed to a variety of targeted (pet-related) businesses, as identified in BMP 1-7: Targeted Education Program.

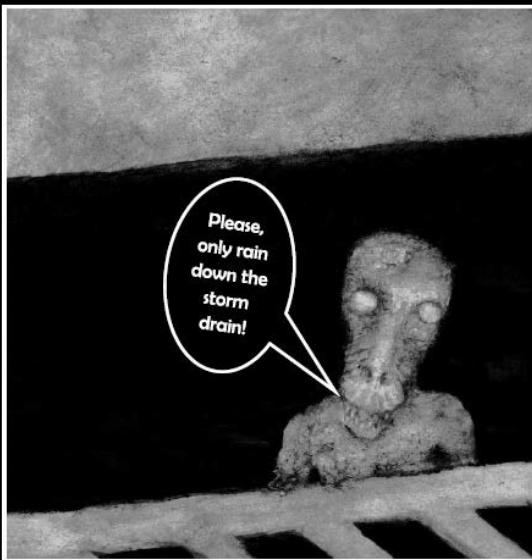


<https://www.roanokecountyva.gov/DocumentCenter/View/32301/Puppies-Poop-People-Scoop---May-2025?bId=>

- The County's Department of Development Services previously created a poster to encourage reporting of illicit discharges. The County uses this poster to raise awareness that stormwater is untreated and carries any pollutants it picks up on its travels to the nearest waterway. This poster was used last year in the County's debut [Stormwater Calendar](#). (See page 21.) It is also posted on the County's website and used as a handout.

<https://www.roanokecountyva.gov/1648/Stormwater-Public-Education-Documents>

Report Illicit Discharges



Report Illicit Discharges at
www.roanokecountyva.gov/ReportID or call the
Stormwater Program Manager at 540-772-2036.

Because stormwater runoff is untreated, any pollutants that it picks up along its travels are transported and then discharged into the nearest receiving waterway. Pollutants include a wide variety of materials, such as cigarette butts, leaves/grass clippings, trash, oil/grease, PCBs, sediment, and more.

If you see someone placing anything into the storm drainage system, which includes storm drainage inlets, curb and gutter systems, roadside ditches, and underground drainage pipes, please report the activity to the County by clicking the link or calling the number below. If possible, take a picture of the illicit discharge activity when it is occurring and send it to the County's Stormwater Program Manager in the Department of Development Services, Stormwater Division, 5204 Bernard Drive (2nd Floor), Roanoke, VA 24018 or email it to stormwater@roanokecountyva.gov. County staff will investigate the incident and attempt to resolve it.

Also, to learn more about the harmful effects of illicit discharges on the area's receiving waters, please see the County's various public education videos, as posted on its Stormwater web-page. Click the following link:
<https://www.roanokecountyva.gov/1598/Stormwater-Public-Education-Videos>

Only Rain Down the Drain

<https://www.roanokecountyva.gov/DocumentCenter/View/26861/Report-Illicit-Discharges-Poster-2023?bId=>

- The Vinton Messenger, the local main street newspaper published several articles on the CVC's rain barrel workshop; advertised the annual Clean Valley Day; Fall Waterways, and other pertinent Clean Valley Council "Pop-Up Cleanups".
- Roanoke County's Planning Department distributes a monthly e-newsletter entitled Community Developments. Pertinent stormwater messages are included from time to time, and the e-newsletter reaches more than 2,000 individuals. The archived newsletters are available on the County's website: [Archive Center • Newsletters - Planning & Zoning \(roanokecountyva.gov\)](#)
- Roanoke County uses various Public Service Announcements (PSAs) to share information with the public as part of its stormwater public awareness/education program. The PSAs encourage the citizens to "do the right things," such as not littering, bagging or mulching leaves and grass clippings, bagging pet waste, washing cars on the grass, and refraining from pouring anything into the storm drain. The overarching goal for these PSAs is to address the three high priority water quality issues: bacteria, nutrients, and sediments. To view these PSAs, click on the following link: [Stormwater Public Education Videos | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](#)

- Roanoke County created a new PSA to highlight its Septic Pump-out Program (see **Roanoke County's BMP B-5: Public Education: Septic System Repair & Maintenance**). The PSA can be accessed via this link:
[Septic Pump-Out Program | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](https://www.roanokecountyva.gov/DocumentCenter/View/32306/Stormwater-Calendar-2025?bidId=)
- Roanoke County published its first **Stormwater Calendar** in this reporting period as part of its stormwater public awareness program. The monthly photographs and messages were derived from former publications and included a wide range of topics:
 - Refrain from feeding wildlife
 - Protect waterways from litter, sediment, leaks, and spills
 - Protect wildlife from litter, trash, balloons, etc.
 - Beautify with butterfly gardens
 - Use concrete washouts
 - Do not discharge chemical-laden water from swimming pools
 - How to win the Stormwater Clean Award
 - Limit lawn fertilizers
 - Report on illicit discharges
 - Free Septic System Pump-out Program
 - Bag leaves and lawn debris
 - Do not discharge car wash water to the storm drainage system
 - Volunteer to stencil storm drains



- The County purchased a set of video programs that were designed for educating the public on Illicit Discharge Detection and Elimination (IDDE) to the storm drainage system; such discharges include the selected three high-priority water quality issues: excess bacteria, sediment, and nutrients. The kit includes five videos of varying run times, which are designed to be used in specific medium/media or to reach a specific audience. Along with the aforementioned PSAs, the videos are posted on the County's website at [Stormwater Public Education Videos | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](https://www.roanokecountyva.gov/Stormwater-Public-Education-Videos)

The County tracks the size of the audiences that access the PSAs and videos. The data for this reporting year is provided below:

PSAs (30 sec.)	Views
Granny Says	11
Leaf Solution	4
Lawn Care	3
Rain Barrel	1
Scoop the Poop	6
Cooking Oil/Grease (CVC)	3
Car Wash (CVC)	12

Public Videos	Views
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 10 minutes	4
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 2 minutes	7
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 30 seconds	12
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 5 minutes	3
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 60 seconds	6

Employee Training Videos	Views
SWM – Illicit Discharge Detection and Elimination – 15 Minutes	709
Stormwater Pollution Prevention for Ms4s	581
Stormwater Pollution Prevention for Construction Sites	320
Stormwater Pollution Prevention for MS4s – Landscaping & Ground Maintenance	0

- Roanoke Valley Television (RVT) runs at least one PSA in every edition of Inside Roanoke, which airs 4 times per week. All of the County's stormwater-related PSAs run in regular rotation on the air, meaning each get an estimated 4 plays per day on Cox Cable Channel 3.

(NOTE: Cox does not provide RVT with accurate subscriber counts, as it stopped that practice several years ago. However, the rough estimate is that the Station reaches approximately 40,000 households.)

[Stormwater Public Education Videos | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](https://www.roanokecountyva.gov/Stormwater-Public-Education-Videos)

- The County continues to run its anti-littering ad campaign: “*The World is Not Your Ashtray*.” Permanent signs with the message have been placed at several prominent intersections, and the County’s website provides an opportunity for citizens to report litter thrown out of vehicles. If the vehicle listed in the online complaint form can be confirmed, Roanoke County Police Department sends a notice to the vehicle’s owner that the offense was witnessed and requests their compliance with Roanoke County’s litter ordinance in the future. Only verified complaints are processed. For access to the form, click here: [Forms Center • Report Littering \(roanokecountyva.gov\)](#)
 - In this permit year, Roanoke County processed **25** verified littering complaints. See Roanoke County folder titled **BMP 1-5** in the Appendix.
- Roanoke Valley Television (RVTV) runs the County’s stormwater-related PSAs throughout the year. Click here to access them: <https://www.roanokecountyva.gov/1598/Stormwater-Public-Education-Videos>
 While it does not receive subscriber counts, RVTV estimates that it reaches at least 40,000 households via Cox, Comcast, and Shentel, and has additional reach on social media and YouTube. The following PSAs ran throughout the reporting period:
 - Generic PSA: 5 per week - 20 per month - 240 per year
 - Poop Fairy: 4 per week - 16 per month - 192 per year
 - Rain Barrel: 3 per week - 12 per month - 144 per year
 - Granny Says: 3 per week - 12 per month - 144 per year

TMDL Consistency: The various activities used for this BMP are intended to bring stormwater quality issues to the public’s attention. Related activities for this BMP focus on bacteria and sediment, because the Town has TMDLs for these pollutants. (EC & SED)

Evaluation and Modification: The number and types of activities, and the number and types of materials that are distributed and posted on websites/social media and the size of the audience that is exposed to such materials indicates that the Stormwater Public Awareness Program is effective.

The Town in cooperation with Roanoke County and CVC will continue to use this BMP to increase the public’s knowledge about how to prevent pollutants from getting into stormwater runoff and to inform the public about the hazards and legal implications of illegal discharges and improper disposal of wastes. No modifications are planned for this BMP.

BMP 1-6. Town of Vinton Webpage of Town's Stormwater Management Program

Goal: The Town will continue to maintain and monitor the Town's Stormwater webpage, where citizens and visitors can obtain information concerning the Town's Stormwater Management Program; Illicit Discharge Reporting Form, Public Outreach and Education; Publications & Resources; Quick facts; Rain Barrels; Stormwater Agency Links; Stormwater Public Education Videos; and VSMP General Permit. Additionally, the Town's website calendar and Facebook also inform citizens of regional clean-up events, drug take-back events, household hazardous waste and E-Cycling collection events, and other local water quality educational programs, in addition of having the capability of receiving citizens' requests and/or complaints on stormwater issues. The messages for the website will be coordinated with the high-priority water quality issues identified in **BMP 1-5**. The stormwater website address is: [Stormwater Quality Information | Vinton, VA - Official Website \(vintonva.gov\)](http://Stormwater Quality Information | Vinton, VA - Official Website (vintonva.gov))

Home > Departments > Planning & Zoning > Stormwater Quality Information

Stormwater Quality Information

Harming Our Drinking Water & Aquatic Life

Stormwater runoff and pollutants from most storm drains flow directly into our creeks, which in turn flow into the Roanoke River. The pollutants in the stormwater runoff come from many sources including:

- Automobile fluids
- Grass clippings and leaves
- Litter
- Pet wastes
- Soaps from washing cars at home
- Yard fertilizers

These and other pollutants are harmful to drinking water and aquatic life in creeks and in the Roanoke River.

Illicit Discharges

Illicit discharges are generally any discharge into a storm drain system this is not composed entirely of stormwater. The exceptions include water from fire fighting activities and discharges from facilities already under an NPDES permit. Illicit discharges are a problem because, unlike wastewater which flows to a wastewater treatment plant, stormwater generally flows to waterways without any additional treatment. Illicit discharges often include pathogens, nutrients, surfactants, and various toxic pollutants. Report any illicit discharges as soon as possible by using our online [Request Tracker System](#) or download, print, and send an [Illicit Discharge Reporting Form \(PDF\)](#).

For More Information

If you have any questions, please contact the Planning and Zoning Department at 540-983-0605.

In addition, the stormwater website will contain the appropriate videos from Roanoke County's IDDE Public Outreach kit (discussed in Roanoke County's **BMP 1-5**) to inform the public about the hazards and legal ramifications of illicit discharges. The webpage includes a link to recent versions of the County's stormwater-related public education materials, such as its newsletters, calendar, fact sheets, posters, brochures, etc.

[Publications & Resources | Vinton, VA - Official Website \(vintonva.gov\)](http://Publications & Resources | Vinton, VA - Official Website (vintonva.gov))

Responsible Party: The Planning and Zoning Department.

Schedule: The Town will maintain its stormwater website and document the webpage usage, including the annual number of visits to each page.

Measurable Goals: Webpage statistics including the most- and least- popular material will be analyzed for effectiveness of the website.

Permit Year	Webpage Views
2023 – 2024 (Year 1)	281
2024 – 2025 (Year 2)	*342

*The webpage views have increased which demonstrates an effective way for public engagement.

According to Roanoke County Stormwater Program Manager, they have retired their BMP 1-6: Roanoke County Stormwater Webpage, instead of referring to Roanoke County BMP 2-3. The Town might do the same in the future.

TMDL Consistency: The Town's stormwater webpage, website and Facebook posting inform and educate the public, citizens, and visitors about the overall pollution problem (EC/FC, SED) and how a citizen can prevent nonpoint source pollution through the pamphlets, brochures, flyers, PSAs. Additionally, the County's stormwater webpage contains a broad range of public education materials, which address many topics, including ways to minimize sediment, bacteria, and PCBs in stormwater runoff. (EC, SED, PCBs).

Evaluation and Modification: The Town continues to maintain, evaluate and design the stormwater webpage to make it easier to find frequently requested items and make this BMP a more effective method of information distribution and outreach. The Town of Vinton website provides a link to the Roanoke County website for additional information and resources.

The Town finds this BMP to be an effective way to provide the public with information about its Stormwater Management Program and to offer a means by which the public can provide input about the program, report illicit discharges and spills, and submit complaints about land-disturbing activities. No modifications are planned for this BMP.

BMP 1-7. Targeted Education Program

*** This BMP is a joint project with Roanoke County. The annual mailing and/or distribution of the educational materials for this targeted education program by Roanoke County includes the Town of Vinton households, businesses, and contractors/homeowners involved in land-disturbing activities.**

For a list of the materials including brochures, letters, list of homeowners, list of applicable businesses, etc. please refer to Roanoke County BMP 1-7. Supporting Documents that can be accessed via the link below:

[Stormwater Public Education Documents | Roanoke County, VA - Official Website](http://roanokecountyva.gov/Stormwater%20Public%20Education%20Documents%20%2f%20Roanoke%20County,%20VA%20-%20Official%20Website)
[\(roanokecountyva.gov\)](http://roanokecountyva.gov)

Goal: The goal of this BMP is to implement a diverse program with strategies that are targeted toward individuals or groups most likely to have significant stormwater impacts. This program focuses on three high-priority stormwater issues (i.e., stormwater pollutants) that contribute to the degradation of local waters: excess bacteria, excess sediment, and excess nutrients.

The intention of the program is to (1) communicate to the target audience the high-priority stormwater issues identified above, including how to reduce stormwater pollution, and (2) increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.

The Town and Roanoke County selected the target audiences based on the likelihood that each of them could generate excess bacteria, sediment, and/or nutrients from their day-to-day activities. The educational materials and messages mailed to each of the target audiences are specific to their type of operation (such as car wash operations or kennel cleaning) to ensure the program is effective.

In accordance with Table 1 of Part 1 E 1 of the MS4 permit, the Town and Roanoke County selected various strategies to deliver the targeted materials and messages to the selected public audiences. These are outlined on the next several pages in Table 1-7A. Roanoke County included the Town's household and business owners when they do their annual mailing of these education mailers.

Responsible Party: Town Planning and Zoning Department in cooperation with Roanoke County Development Services and Stormwater Program Manager.

Schedule: The Town Planning and Zoning Department continues to work cooperatively with the Roanoke County Stormwater Manager. As mentioned in Roanoke County MS4 Annual Report, Roanoke County has developed a list of targeted public audiences to receive specific messages on an annual basis about ways to reduce stormwater pollution in their day-to-day activities. The County will track the size of audiences exposed to the various targeted messages and will evaluate any responses it receives from the selected public audiences.

Measurable Goals: The Town along with the County will track the size of audiences exposed to the various targeted messages and will evaluate any responses it receives from the selected public audiences.

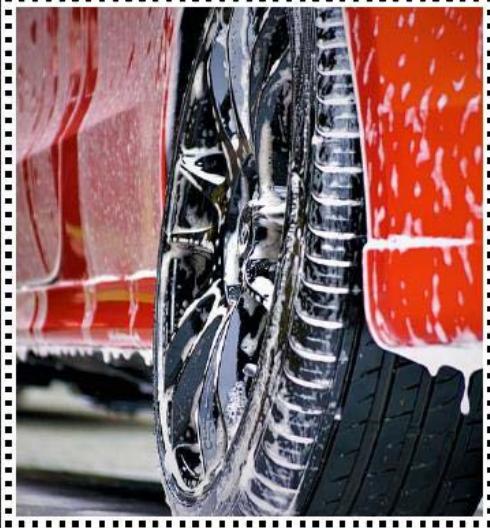
- The tables provided on the following pages summarize the activities conducted by Roanoke County for this permit year:
 - Table 1-7.1A; Table 1-7.1B; and Table 1-7.1C: Stormwater Education Program for Specific Audiences
 - Table 1-7.2: Print Materials to Address Specific TMDLs
 - Table 1-7.3: Program Materials and Target Audiences for BMP 1-7
 - Table 1-7.4: Summary of Targeted Mailings and % Reach

CAR WASHING TIPS

ONLY RAIN DOWN THE STORM DRAIN

Keep the Roanoke River and its streams clean and pollution free with these easy tips:

- Use high-pressure, low-flow nozzles with an automatic shut-off valve.
- Collect all trash and debris to keep it from getting into storm drain inlets.
- Recycle rinse water, and collect and discharge all wash water into the sanitary sewer system, NOT the storm drainage system.
- Do not discharge any car wash water to storm drains, ditches, streets, or streams, as it is polluted with sediment, oil, and heavy metals.



~ BE STORMWATER SMART: KEEP THE SOAP OUT OF THE DRAINAGE SYSTEM. ~

County of Roanoke · Department of Development Services · Stormwater Management · 5204 Bernard Drive · Roanoke, VA 24018
Call (540) 772-2036 or Visit: <https://www.roanokecountyyva.gov/Stormwater>

<https://www.roanokecountyyva.gov/DocumentCenter/View/21757/Car-Washing-Tips-June-2021?bidId=>

Table 1-7.1A Targeted Education Program: Sediment

High-Priority Water Quality Issue	Target Audiences	Means to Determine Audience Size	Estimated Audience Size	Overall Messages	Means to Deliver Messages	Rationale
#1 Sediment	Car Washing/Detail Facilities Car Dealers Auto Body Shops (includes tire and auto parts stores, auto service centers, etc.)	Business Licenses/Google	25 – Town 287 – Countywide	<ul style="list-style-type: none"> • All wash water to sanitary sewer. • Potential damage caused to streams by wash water. 	<ul style="list-style-type: none"> • Mailer, annually • PSAs on local cable station 	Commercial car wash facilities can contribute significant sediment if wash water is discharged into the Town's MS4.
	Homeowners	Tax Records/GIS	3,660 – Town 35,094 – Countywide	<ul style="list-style-type: none"> • Potential damage caused to streams by wash water. • Direct wash water to grass area for filtration and infiltration. • Never allow wash water to flow into street or storm drains. 	<ul style="list-style-type: none"> • Roanoke County publication sent annually to ROCO/TOV homeowners • PSAs on local cable station • Handouts at local environmental events, 4 per year minimum 	Residential car washing is specifically allowed; but it still may contribute significant sediment if wash water is not properly handled.
	Contractors and and/or Homeowners Involved in Land-Disturbing Activities	Roanoke County Development Services/Town Planning and Zoning Department/Business Licenses	33 – Town 787 – Countywide (including Town Limits)	<ul style="list-style-type: none"> • Damage caused to streams by sediments. • Healthy fish populations require clear stream bottoms. • Silt fence is not enough. • Limit disturbed areas. • Stabilize as quickly as possible. 	<ul style="list-style-type: none"> • Brochure given to land-disturbance permittee when permit is issued • Brochure given with enforcement actions • Newsletter mailed on an annual basis 	Erosion and sediment control is required by regulations; however, more effective implementation may occur with additional education.

Table 1-7.1B Targeted Education Program: Bacteria

High-Priority Water Quality Issue	Target Audiences	Means to Determine Audience Size	Estimated Audience Size	Overall Messages	Means to Deliver Messages	Rationale
#2 Bacteria	Restaurants	Business Licenses/ Google	22 – Town 488 – Countywide	<ul style="list-style-type: none"> Excessive bacteria hinder stream usage and contribute to algae overgrowth, which hurts aquatic life. All wastewater to sanitary sewers. Keep exterior trash receptacles and dumpsters covered and do not wash out into storm drain. Clean kitchen hoods and floor mats; properly dispose of wastewater. 	<ul style="list-style-type: none"> Mailer, annually PSAs on local cable station 	Uncovered dumpsters containing garbage and dumpsters and greasy floor mats that are rinsed out onto the pavement can contribute bacteria to our MS4, which discharges directly to our streams.
	Pet/Kennel Owners (dogs/cats)	Pet Licenses* (Roanoke County is responsible for the issuance of license for the Town since July 2019)	Dog: 6,149 Cat: 310	<ul style="list-style-type: none"> Excessive bacteria hinder stream usage. Dog waste ends up in streams. Pick up after your pet and properly dispose of waste. 	<ul style="list-style-type: none"> Publication sent annually to ROCO & TOV Homeowners PSAs on local cable station 	Dog waste is a major source of bacteria in our streams.
		Kennel Licenses	180			
	Veterinarian Offices	Business Licenses/ Google	1 – Town 28 – Countywide	<ul style="list-style-type: none"> Excessive bacteria hinder stream usage. Dog waste ends up in streams. Pick up after your pet and properly dispose of waste. 	<ul style="list-style-type: none"> Brochures placed in Veterinarian offices, annually PSAs on local cable station 	Dog waste is a major source of bacteria in our streams.
	Pet Stores/Pet Boarding/ Grooming	Business Licenses/ Google	6 – Town 50 – Countywide	<ul style="list-style-type: none"> Excessive bacteria hinder stream usage. Dog waste ends up in streams. Pick up after your pet and properly dispose of waste. 	<ul style="list-style-type: none"> Brochures placed in pet stores, annually PSAs on local cable station 	Dog waste is a major source of bacteria in our streams.
	Homeowners	Tax Records/GIS	3,660 – Town 35,094 – Countywide	<ul style="list-style-type: none"> Do not feed wildlife. Do not feed pets outdoors. 	<ul style="list-style-type: none"> Roanoke County Annual Mailer 	By encouraging wildlife to come close to homes, their feces have a higher chance of finding its way to the MS4.
	Septic Systems Owners	Tax Records Western Virginia Water Authority	58 – Town ~ 14,169 – Countywide	<ul style="list-style-type: none"> Keep septic system maintained; provide periodic pump out. Repair failing septic system. 	<ul style="list-style-type: none"> Roanoke County Mailer sent annually to septic owners. 	Malfunctioning or poorly maintained onsite sewage disposal systems may result in discharges of bacteria in our stream.

	Town Police; EMS Personnel, Animal Control Officer	Town Records	4	<ul style="list-style-type: none"> Excessive bacteria hinder stream usage. Dog waste ends up in streams. Pick up after your pet and properly dispose of waste. 	<ul style="list-style-type: none"> In-house training 	Dog waste is a major source of bacteria in our streams; these County employees own or handle dogs as part of their work.
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Table 1-7.1C Targeted Education Program: Nutrients

High-Priority Water Quality Issue	Target Audiences	Means to Determine Audience Size	Estimated Audience Size	Overall Messages	Means to Deliver Messages	Rationale
#3 NUTRIENTS	Homeowners	Tax Records/GIS	3,660 – Town 35,094 – Countywide	<ul style="list-style-type: none"> Excess nutrients damage streams. Do not over-fertilize. Use soil tests. Keep fertilizer off pavements. Do not over-water lawns. 	<ul style="list-style-type: none"> County Publication sent annually to ROCO/TOV HO PSAs on local cable station 	Excessive nutrients are carried off lawns and other managed turf areas to the County's MS4 and then to local streams; this leads to algae overgrowth in the streams, which adversely impacts fish and other marine life.
	Nurseries/ Greenhouses	Business Licenses/ Google	1 – Town 13 – Countywide	<ul style="list-style-type: none"> Excess nutrients damage streams. Do not over-fertilize. Use soil tests. Keep fertilizer off pavements. 	<ul style="list-style-type: none"> Mailer, annually PSAs on local cable station 	
	Lawn Care Services	Business Licenses/ Yellow Pages	4 – Town 158 – Countywide	<ul style="list-style-type: none"> How nutrients damage streams. Do not over-fertilize. Use soil tests. Keep fertilizer off pavements. Encourage use of organic products. 	<ul style="list-style-type: none"> Mailer, annually PSAs on local cable station 	

Table 1-7.2 Print Materials to Address Specific TMDLs* – Produced by Roanoke County Stormwater Program Manager

Type	Publication Name	TMDLs Addressed
Poster	“The HEART of Roanoke County is The “RIVAH”	Bacteria, Sediment, PCBs (plus litter, trash & more)
	“Report Illicit Discharges”	Bacteria, Sediment, PCBs, and more
	“Construction Site Waste Management Starts with You”	Construction Trash, Debris, PCBs, and more
	“I Keep You Safe, You Scoop My Poop: Our Missions are Clear”	Bacteria
	“I Carry Your Stuff. You Scoop My Poop. Deal?”	Bacteria
	“Cute? You Betcha.’ But Did You Know? I have to poop outside; my peeps have to scoop it up.”	Bacteria
	“No, I am NOT the Poop Fairy”	Bacteria
	“Who Left the Dogs’ Poop?”	Bacteria
	“Pups Poop, People Scoop. Do it.”	Bacteria
	“Clean Stormwater Starts Where You Are”	Bacteria, Sediment, PCBs, and more
	“Clean Stormwater: Starts Right Here Under the Trees”	Bacteria, Sediment, PCBs, and more
	“Clean Stormwater: Starts Right Here on Your Project”	Bacteria, Sediment, PCBs, and more
	“Stormwater - Do Your Part: Keep it Clear”	Bacteria, Sediment, PCBs, and more
	“Sediment Pollution = No Fish. The Choice is Clear”	Bacteria, Sediment, PCBs, and more
	“Granny Says . . .”	Bacteria, Sediment, PCBs, and more
	“Clean Stormwater Makes for Happy Kids”	Bacteria, Sediment, PCBs, and more
	“Clean Stormwater: Wildlife Depend on It”	Bacteria, Sediment, PCBs, and more
	“Clean Stormwater: Happy Kids, Healthy Fish”	Bacteria, Sediment, PCBs, and more
Postcard	“Only Rain Down the Storm Drain” (For Restaurants)	Bacteria, Kitchen grease, Oil
	“Only Rain May Go Down the Storm Drain” (For Carwashes)	Sediment (plus Detergent, Oil, Heavy Metals, etc.)
Newsletter	“A Stormwater Guide for Homeowners” (February 2024)	Bacteria, Sediment, PCBs, and more
	“A Stormwater Guide for Homeowners” (previous issues)	Bacteria, Sediment, PCBs, and more
	“It’s Just Dirt, A Newsletter for Contractors” (May 2024)	Sediment, PCBs (plus Minimum ESC Stds. & more)
	“It’s Just Dirt, A Newsletter for Contractors” (previous issues)	Sediment, PCBs (plus Minimum ESC Stds. & more)
Brochure	“It’s Just Dirt” – What More Do I Need to Know?	Sediment
	“Stormwater Best Management Practices for Proper Pet Waste Disposal”	Bacteria
	“Stormwater Best Management Practices for Restaurants”	Bacteria
	“Reduce, Reuse, Recycle and Properly Dispose of Hazardous Household Wastes	Bacteria, Sediment, PCBs, and more
Fact Sheet	“Illicit Discharge Facts”	Bacteria, Sediment, PCBs, and more
	“Facts for Plumbers”	Bacteria, Sediment, PCBs, and more
	“Facts for Landscapers”	Sediment
	“Fall Foliage Facts”	Bacteria, Sediment, and more
	“Fact Sheet for Mosquito Control”	None (published as a Public Service message)
	“Tips for Homeowners - Stormwater Best Practices”	Bacteria, Sediment
	“Erosion & Sediment Control – Agricultural Exemptions”	Sediment (plus ESC Requirements)
	Fact Sheet for PCBs	PCBs
	Pool Fact Sheet**	None**
	Car Washing Tips	Sediment (plus Heavy Metals, Grease, Oil, etc.)

 New in 2024-2025

*Print materials are available online at [Stormwater Public Education Documents | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](http://Stormwater Public Education Documents | Roanoke County, VA - Official Website (roanokecountyva.gov))

**The Pool Fact Sheet is mailed to every pool-related business and pool owner in the County and Town of Vinton (1,953 total). While it does not address a specific TMDL, this document is believed to be of value in helping to keep chemicals, such as chlorine and algaecide, out of the area's receiving waters.

TABLE 1-7.3 Program Materials and Targeted Audiences for BMP 1-7

Target Audience	Product Type	Delivery Method	# of Recipients	Nature of Message
Restaurants	Letter and Brochure	Mailed	488 (ROCO & TOV)	Stormwater Management BMPS for Restaurants; MS4 permit requirements.
Car Washes, Auto Repair Shops, New & Used Car Dealers, Auto Detailers, etc.	Car Washing Fact Sheet	Mailed	287 (ROCO & TOV)	Wash water carries sediment, oil, and heavy metals to receiving waters.
Pet Professionals, Vets, Groomers, Pet Daycare and Boarding, etc.	Letter, Brochure, and Poster	Mailed	260(ROCO & TOV)	Pet waste pollutes receiving streams; owners are encouraged to pick up after their pets.
Landscaping Professionals	Letter and Fact Sheet	Mailed	171 (ROCO & TOV)	Grass/shrub clippings, leaves, sediment, fertilizers, etc. cause pollution to receiving waters; use BMPs to minimize lawn debris, reuse stormwater, install erosion controls, and employ alternative lawn care practices.
Violators of Illicit Discharge Ordinance	Fact Sheet(s) applicable to the discharge	Mailed at time of violation	26 (ROCO & ROCO)	It is illegal to discharge anything into the MS4 system except for the allowable non-stormwater discharges listed in the permit.
Plumbers	Fact Sheet	Provided in the ROCO Development Services Counter	Unknown	It is illegal to discharge anything into the MS4 system except for the allowable non-stormwater discharges listed in the permit
Contractors involved in Land Disturbing Projects	Brochure	Distributed with ESC Permits	131 (ROCO & TOV)	"It's Just Dirt" – brochure describes the harm to receiving waters from excess sediment from construction sites, explains permit requirements, provides techniques to "keep dirt on the project."
	Newsletter	Mailed	787 (ROCO & TOV)	
Residents	Brochure	Provided in the TOV Lobby and ROCO Development Services Counter	Unknown	"Reduce, Reuse, Recycle and properly dispose of hazardous household wastes" brochure.
Homeowners	Newsletter	Mailed	35,094 (ROCO) 4,660 (TOV)	MS4 Permit requirements; high-priority water quality issues; minimizing PCBs, reducing stormwater pollution at home, do not feed wildlife, pick-up pet waste, prevent illicit discharges, maintain septic system, create stream buffers.
Pool Owners, Pool Professionals & Contractors	Letter and Pool Fact Sheet	Mailes	1,953	Promotes keeping chemicals, such as chlorine and algaecide out of the area's receiving water.

The list of County and Town businesses that received the above-listed materials can be found in the Roanoke County Compact Disk under the folder titled BMP 1-7 submitted with the County Annual Report.

The Town continues to work cooperatively with Roanoke County Stormwater Manager in the distributions of the brochures, fact sheets, and posters. The County continued to use its previously developed educational materials to target certain audiences; and the percentages of the targeted audiences that were reached have been listed in Table 1-7.4.

TABLE 1-7.4 Summary of Targeted Mailings and % Reach in Roanoke County and Town of Vinton

Annual Period	Type of Educational Material	Target Group	# Sent /Total # in Target Group	% of Target Audience Reached
2023 - 2024 (Year 1)	Restaurant Postcard, Letter, and Brochure	Restaurants**	484/484*	100%
	Car Washing Tips (Fact Sheet) and Letter	Businesses with Car Washing	261 /261	100%
	"It's Just Dirt" Newsletter	Land-disturbing Contractors	841/841	100%
	"It's Just Dirt" Brochure	Land-disturbing Contractors	161*/841	*19.6%
	Stormwater Newsletter	Residences	34,883/34,883	100%
	Landscaping Fact Sheet	Professional Landscapers, Nurseries, Greenhouses	250/250	100%
	Pet Waste Poster, Letter, and Brochure	Veterinarians, Groomers, Stables, Pet Daycare, Kennels, Pet Boarding, Animal Control Officer, etc.	62/62	100%
	"Tips for Homeowners - Stormwater Best Practices"	Residential lots using individual stormwater control measures without maintenance agreements	10/10	100%
2024 - 2025 (Year 2)	Restaurant Letter and Brochure	Restaurants**	488/488*	100%
	Car Washing Fact Sheet and Letter	Businesses with Car Washing	287 /26187	100%
	"It's Just Dirt" Newsletter	Land-disturbing Contractors	787/787	100%
	"It's Just Dirt" Brochure	Land-disturbing Contractors	131*/787	*16.6%
	Stormwater Newsletter	Homeowners/Residences	35,094/35,094	100%
	Landscaping Fact Sheet	Professional Landscapers, Nurseries, Greenhouses	171/171	100%
	Pet Waste Poster, Letter, and Brochure	Veterinarians, Groomers, Stables, Pet Daycare, Kennels, Pet Boarding, Animal Control Officer, etc.	260/260	100%
	"Tips for Homeowners - Stormwater Best Practices"	Residential lots using individual stormwater control measures without maintenance agreements	36/36	100%

Note:

- * Mailing including restaurants in neighboring localities
- * Not all contractors obtain a land-disturbing permit in any given year; and some contractors obtain multiple permits.

- Roanoke County's annual *It's Just Dirt* newsletter, which was mailed (and emailed) to all land-disturbing contractors, land developers, local consulting firms, and the Roanoke Regional Home Builders Association, included the following articles:
 - Protecting Waterways: A Guide to Turbidity and Dewatering
 - Minimum Standards for Erosion and Sediment Control (from the state regulations)
 - The Power of Native Plants for Stormwater Management
 - Stormwater Clean Award - First Time Winners
 - Making Wise Choices for Water and Wildlife
 - Erosion and Sediment Control Program - Agricultural Exemption Facts
 - Fouling Waterways - Not All Concrete is the Same
- As mentioned in **BMP 1-2**, Roanoke County's *Stormwater Guide for Homeowners* newsletter aims to (1) increase the public's knowledge on ways to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns; and (2) increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.

The target public audience for this publication will be Roanoke County's and Town of Vinton's homeowners. Both newsletters are available on the County's Stormwater webpage at <https://www.roanokecountyva.gov/1648/Stormwater-Public-Education-Documents>.

- Roanoke County's newest Illicit Discharge poster is designed to encourage residents to report illicit discharges. It was included in the *Stormwater Newsletter April 2023* on page 12 and is via this link: [Stormwater Public Education Documents | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](https://www.roanokecountyva.gov/1648/Stormwater-Public-Education-Documents)

Both newsletters are also available via a link through the Town's website at: [Publications & Resources | Vinton, VA - Official Website \(vintonva.gov\)](https://www.vintonva.gov/1648/Stormwater-Public-Education-Documents) /or [Stormwater Public Education Documents | Roanoke County, VA - Official Website \(roanokecountyva.gov\)](https://www.roanokecountyva.gov/1648/Stormwater-Public-Education-Documents)

TMDL Consistency: The Town's and Roanoke County's program is robust with a variety of materials for targeting individuals or groups most likely to have significant stormwater impacts. For example, the Contractor newsletter is primarily focused on educating contractors about how to minimize sediment that leaves their construction sites to keep it out of the river and other local waterways. The Car Washing Tips (fact sheet) targets local businesses that may have uncontrolled discharges from vehicle

washing operations, which could increase sediment discharges into local receiving waters. Therefore, these documents address the TMDL for sediment (SED). Similarly, the Restaurant brochure addresses rinsing of kitchen equipment and accessories, which may contribute bacteria to receiving waters. The Pet Waste posters focus on bagging pet waste and placing it in the trash; these documents help address the County's TMDL for bacteria (EC). Other outreach materials previously developed by Roanoke County also address the TMDLs, as shown in Table 1-7.2.

Evaluation and Modification: The Town finds this BMP to be effective in raising the awareness of specific public (target) audiences regarding how their day-to-day activities may affect stormwater quality. No modifications are planned for this BMP.

MCM 2: PUBLIC PARTICIPATION AND INVOLVEMENT

The Town of Vinton along with Roanoke County, Cities of Roanoke and Salem, Roanoke Valley Resource Authority (RVRA), and Clean Valley Council (CVC), Inc. will continue to have the community involved with clean-up projects along local streams and riparian corridors. This control measure is intended to provide a means for:

1. The public to report potential illicit discharges, improper disposal, or spills to the Town, complaints regarding land disturbing activities, or other potential stormwater pollution concerns.
2. The public to provide comments on the Town's MS4 program plan.
3. The Town to respond to public comments received on the MS4 program plan.
4. The Town to maintain documentation of public comments received on the MS4 program and associated MS4 program plan and the permittee's response.

The Town along with its partners has developed the following Best Management Practices (BMPs) to engage all citizens, thereby reaching all economic and ethnic groups, to meet the program goals:

BMP 2-1. A Storm Drain Stenciling Program

The Town through cooperative agreement with CVC will implement a storm drain inlet stenciling program, which is designed to engage citizens and educate the public about the consequences of dumping waste into the storm drainage system.

BMP 2-2. Stormwater Public Events

The Town will participate in and/or conduct at least four (4) public events per year (in two different categories, as listed in the table below in the MS4 Permit) to bring attention to current stormwater pollution issues.

BMP 2-3. MS4 Program and Stormwater Pollution Prevention Website for Citizens Access

The Town will maintain a webpage that is dedicated to the MS4 Program and Stormwater Pollution Prevention. This webpage will contain the effective MS4 permit and coverage letter, the most current MS4 Program Plan, the Annual Report for each permit year covered by the current permit, and a mechanism for the public to report (i) potential illicit discharges, improper disposal, or spills to the MS4, (ii) complaints regarding land disturbing activities, or (iii) other potential stormwater pollution concerns. It will also include the methods for how the public can provide input on the Town's MS4 program.

BMP 2-4. Household Hazardous Waste Collection Events

The Town through RVRA will participate in Household Hazardous Waste Collection events to help citizens dispose of household materials that could be hazardous to dispose of in landfills.

This report provides a detailed description of the goals of each BMP, the status of the Town's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the overall MS4 Program goals. In addition, strategies to ensure consistency with local TMDLs are also provided, and they are broken down by impairment type: Escherichia coli (*E. coli*) bacteria (EC), sediment or (SED).

BMP 2-1. A Storm Drain Stenciling Program

Goal: The goal of this BMP is to implement a storm drain inlet stenciling program through the Clean Valley Council (CVC). This effort will be coordinated with interested parties from local schools, neighborhoods, businesses, and other groups to stencil messages on storm drain inlets to educate people about the consequences of dumping waste into the storm drainage system.



Note: This outreach method is considered a signage strategy per Table I in Part 1.E.1 of the MS4 permit and a pollution prevention activity for public involvement per Table 2 in Part 1.E.2 of the MS4 permit.

Responsible Party: The Town's Planning and Zoning Department through a Cooperative Agreement with Clean Valley Council (CVC).

Schedule: The Town coordinates its storm drain stenciling program through the CVC. A minimum of 15 storm drain inlets will be stenciled per year with messages designed to

raise public awareness about stormwater pollution. The Town will document the number and location of the inlets that are stenciled in each permit year.

Measurable Goal: The Town continues to coordinate its storm drain stenciling program through a partnership with the Clean Valley Council (CVC), aiming to raise public awareness about stormwater pollution and its effects on local waterways. The program targets a minimum of 15 storm drain inlets to be stenciled annually with educational messages.

The Town will continue to document the actual number and location of inlets that were stenciled, the number of participants, and the groups that participated. Using these numbers as indicators, the Town will evaluate the effectiveness of this BMP and adjust as necessary to increase attendance

In Year 2, the stenciling effort was carried out by Girl Scout Troop 478, with assistance from several parents on Sunday, June 8, 2025. Together, they stenciled twenty-three (23) storm drains along Hardy Road, Vinyard Road and Clearview Drive, with the message: "Pick Up Litter. Save Larry the Logperch."

The stencil design features the Roanoke logperch, a local fish species, to highlight the impact of stormwater runoff—such as litter and chemicals—on aquatic life.

The event was featured in the June 12, 2025, edition of *The Vinton Messenger*. The article emphasized that the stencils are intended to educate the public about the direct connection between storm drains and area waterways, reinforcing the message that pollutants entering the drains can harm local ecosystems.

Permit Year	Storm Drains Stenciled/Installed	Number of Participants
2023 – 2024 (Year 1)	16	3
2024 – 2025 (Year 2)	23	8 (5 Youth and 3 Adults)

TMDL Consistency: The storm drain stenciling program is an outreach method to inform and remind citizens that what goes into the storm drain goes directly to local creeks and streams. The stenciling activity and message will make the citizens understand that the storm drains are not treated by the sanitary sewer, therefore they will be less likely to allow pet waste, other non-stormwater waste, illicit discharges to enter the storm drain through the road-side inlets (EC/FC, SED).

Evaluation and Modification: The Town finds this BMP to be an effective method of getting citizens informed about stormwater issues, illicit discharges and in educating the public about the consequences of dumping waste into the storm drainage system, and it seems to be a popular activity with the residents. There are no formal modifications planned at this time, although the Town plans to partner with the Roanoke County to broaden the program by hosting a storm drain painting competition in the upcoming permit year.



Girl Scout Troop 478 with assistance of several parents stenciled 23 storm drains along Clearview Drive, Hardy Road and Vinyard Road on Sunday, June 8, 2025.

BMP 2-2. Stormwater Public Events

Town Staff continue to be involved in the coordination of regional clean-up and environmental events such as the annual Clean Valley Day in spring and Fall Waterways Cleanup Events; Prescription Drug Take-back Program; Earth Day; Earth Summit; Go Fest; Riverfest; and public forums on environmental issues related to water quality and impaired water bodies. Since 2000, the Town has been holding an Arbor Day Celebration and Tree Planting event at public properties, public and parochial schools, and/or along the greenways.

A prescription drug drop-off box was placed in the Vinton Police Department beginning in April 2018, as a location to dispose of prescription drugs. This box is available during business hours year-round so that citizens can drop off unused prescription drugs at times other than the publicized Drug Take-back events. The Vinton Police Department also participates with the other Roanoke Valley Law Enforcement Agencies and Western VA Water Authority (WVWA) with the Regional Drug Take-back events and for the Town the event is being held annually at the Town's Lake Drive Plaza Shopping Center.

Goal: The goal of this BMP is to engage citizens in various public events to raise awareness about ways to improve water quality and to support local restoration and clean-up projects. To that end, the Town participates in and/or conducts at least four (4) public events per year (in two different categories, as listed in Table 2 in the MS4 Permit (Part I.E.2) to bring attention to current stormwater pollution issues. These categories include (1) Public Involvement Opportunities; (2) Monitoring; (3) Restoration; (4) Educational Events; (5) Disposal or Collection Events; and (6) Pollution Prevention.

Responsible Party: The Town's Planning and Zoning Department, in conjunction with Clean Valley Council, Roanoke County, Cities of Roanoke and Salem, Roanoke Valley Resource Authority (RVRA), and the Town's Public Works and Police Departments.

Schedule: The Town annually involves and/or conducts at least four of the following events (in at least two of the various MS4 permit categories) to engage the public and raise awareness about stormwater pollution issues.

Public Events	Responsible Party	Categories (per MS4 Permit)	Metric
Annual CVC Clean Valley Day and Fall Waterways Cleanups (Stream and Watershed Clean-up); Community Clean-up Events	CVC	Restoration/ Pollution Prevention	Weight of collected trash; number of participants
Go Fest (booth, stream school)	CVC	Educational; Monitoring	Number of participants/students
Town of Vinton Events: Fall Festival and Dogwood Festival	CVC	Educational	Number of participating children and adults
Household hazardous waste collection (see BMP 2-4)	RVRA	Disposal or Collection	Weight of waste collected; number of participants
Storm drain stenciling program (see BMP 2-1)	CVC	Pollution Prevention	Number and location of storm drains stenciled; number of participants
Implementation of pet waste stations in along the greenways and public facilities (see BMP B-6 in the Town's Bacteria TMDL Action Plan)	TOV Public Works Dept.	Pollution Prevention	Number and location of pet waste stations installed/maintained
Stormwater education program for Roanoke County's/Town's schoolchildren - meets applicable SOLs (See BMP 1-4)	CVC and WVWA	Educational	Number of programs provided; number of children taught
Stream monitoring and informational stream seminars (See BMP 1-3)	CVC	Monitoring	Number of stream schools given; number of participating students
Town of Vinton Annual Arbor Day Celebration/Tree Planting Ceremony Event	TOV Planning & Zoning Dept.	Educational	Number of participating children and adults.
The Annual Prescriptions Drug Take-back Event/Dropbox in Vinton Municipal Building Lobby	TOV Police Dept/ROCO Sheriff Dept., & WVWA	Educational	Weight of drug collected.

Measurable Goal: The Town will document the details of the events in accordance with the metrics that are specified above (the number of participants, trash collected, and the number of people in attendance where applicable). Success for this BMP will be measured by the completion of at least four of the listed events and fulfillment of their corresponding metrics. The Town will also evaluate the effectiveness of the various public events to determine if they are beneficial to water quality.

- On behalf of the Town of Vinton and neighboring localities, the Clean Valley Council was active in more than 30 regional events during the permit year (some were held on multiple dates) and together they involved more than 56,000 individuals. During these events, CVC staff distributed a variety of materials with stormwater-related messages and addressed questions and comments about stormwater and water quality. Information highlighted at the booths included the benefits of stream buffers, the differences between storm and sanitary sewers, and the importance of pet waste pick up and disposal.
 - Anytime Cleanup – July 2024 through June 2025
 - Adopt-A-Street Cleanups – July 2024 through June 2025
 - Community Cleanups – July 2024 through June 2025
 - Bay Days, Camp Bethel – September 17 to September 19, 2024

- Stream School: William Byrd Middle School, Vinton – September 30, October 1, 2, 7, 2024
- Sustainable Practices at Home, Work, and Play: Charles R. Hill Community Center, Vinton – September 11, 2024, and November 13, 2024.
- SWVA Bee Festival, Elmwood Park – August 24, 2024
- CVC Educational Booth at Vinton Fall Festival – October 12, 2024
- GO FEST at Elmwood Park – October 18, 19, 20, 2024
- Water to Oceans: Community School – November 6, 2024
- Adult Education on Environmental Sustainability: Isaac Walton League – November 19, 2024
- Earth Summit: Virginia Western Community College – November 21, 2024
- RVRA Smith Gap Landfill Field Trip: Roanoke College – March 17, 2025
- Oceans of Trash, Enviroscape; William Byrd High School, Vinton – April 8, 2025
- Roanoke Earth Day: Grandin Village – April 19, 2025
- Stream School: Roanoke College – April 21, 2025
- Roanoke Arbor Day Celebration: The Hermitage Tree ID with Nature Hike and Tree Illustration – April 26, 2025
- Storm Drains Stenciling in Vinton – June 8, 2025
- Rain Barrel Workshops – 7/13/24; 10/19/24, 10/20/24, 10/22/24, 3/27/25, 5/29/25, 6/10/25, and 6/14, 25.

Rain Barrel Workshop: Vinton Farmers Market – June 10, 2025

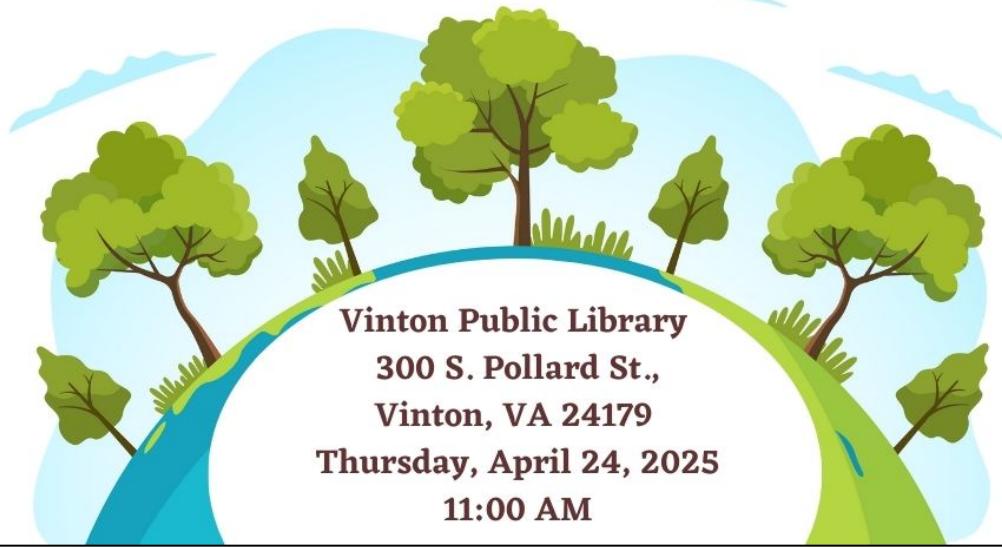
- The Town's Planning and Zoning Department of Planning received matching grant funds through the Virginia Trees for Clean Water program, through the Roanoke Valley-Alleghany Regional Commission, for an annual tree planting/Arbor Day ceremony at greenways, public/parochial schools, and/or public properties. The Arbor Day Celebration event was held on April 24, 2025, at the Vinton Public Library. The event was attended by the Vinton Mayor, council members, town personnel, and the Virginia Department of Forester. Children that attended the Kids Program at the library; parents; Smokey the Bear and programs by the State Forester.
The event was filmed by Roanoke Valley Television and posted on youtube which can view via this link: https://www.youtube.com/shorts/3p92aB_tecw

The Town Council also recognized National Arbor Day by proclaiming April 24, 2025, as Arbor Day in the Town of Vinton by encouraging citizens to plant a tree in their community. A total of 10 trees were planted along the Tinker Creek/Vinton Glade Creek Greenway, within the property that was formerly known as Cedar Avenue Mobile Home Park that was located within the Tinker Creek Special Flood Hazard Area (SFHA) that the Town purchased in May 2024.

THE TOWN OF
VINTON
VIRGINIA

Arbor Day

2025 Celebration



Social media posting of the Town's 2025 Arbor Day Celebration

Permit Year	Public Events; Environmental/Clean-up Events	# of Participants/Attendees	Category (per MS4 Permit)
2023 – 2024 (Year 1)	~ 30 Regional CVC Events Vinton Dogwood Festival Environmental/Stormwater 3 Vinton Local Cleanups Arbor Day/Tree Planting Event	~50,000 ~ 30 Volunteers ~ 40 Adults and Children	Restoration; Disposal or Collection Pollution Prevention Public Education Activity Stream Monitoring
2024 – 2025 (Year 2)	~ 50 Regional Events, Clean- up Events, Educational Program, Earth Day 12 in Vinton – Fall Festival; Clean Valley Day; Pathfinders Litter Pick-ups; Arbor Day/Tree Planting; William Byrd MS Stream Schools, William Byrd HS Educational Program; Adult Sustainable Program; Festival, Rain Barrel Workshop	~ 56,000 (Valley-wide) ~ 6,000 (Town-wide)	Restoration; Disposal or Collection Pollution Prevention Public Education Activity Stream Monitoring

- The parks located in the Town (Glade Creek Park, Gearhart Park, and Maybank Park) and adjacent to the Town Limits (Goode Park, Vinyard Park, and Stonebridge Park) are owned and maintained by Roanoke County's Parks, Recreation and Tourism Department. For FY 2025, Roanoke County's Department of Parks, Recreation, and Tourism had **189 volunteers** working a total of **444.75** hours (39 workdays) in **9** different parks along various waterways.

Permit Year	Public Events; Environmental/Clean-up Events	# of Participants/Attendees	Category (per MS4 Permit)
2023 – 2024 (Year 1)	Roanoke County 11 Park Cleanups	245	Restoration Disposal or Collection
2024 – 2025 (Year 2)	Roanoke County 9 Park Cleanups	189	Restoration Disposal or Collection

- Staff from Roanoke County's Department of Development Services participated for the first time in the Blue Ridge Kite Festival, held at Green Ridge Park on April 19, 2025, from 10:00 a.m. - 3:00 p.m. The event allowed the stormwater staff to showcase its stream table and to educate the public about macroinvertebrates and how they serve as valuable indicators for stream health.
- Staff from Roanoke County's Department of Development Services participated for the first time in the Hello Summer Festival, held on June 20, 2025, from 6:00 p.m. to 10:00 p.m. at Green Hill Park. The event allowed the stormwater staff to showcase its stream table and to educate the public about macroinvertebrates and how they serve as valuable indicators for stream health.
- Staff from Roanoke County's Department of Development Services created a Stream Monitoring Pilot Project in this permit year. The kickoff event was held with the Stormwater Management team at Green Hill Park on April 2, 2025. This program will raise public awareness about stream conditions, the sources of pollution, and the impact on local water quality, while providing opportunities for community members to actively participate through volunteering in data collection and stream monitoring efforts.

TMDL Consistency: Since they are key regional water quality issues, pet waste and soil erosion are common issues discussed at the events in which the Town and/or CVC and WVWA participated, (EC & SED). In addition, tree planting events focus on the value of stream buffers for protecting water quality, through their pollution-filtering capabilities (EC & SED) and for maintaining wildlife habitat. While not directly TMDL-related, some of these events address stormwater pollution and the need for removal of trash, debris, and litter from the drainage system.

Evaluation and Modification: Based upon the attendance at these public events, the Town finds this BMP to be an effective method of allowing the citizens to inquire about issues and have hands-on involvement in projects that help to improve water quality.

Also, they provide the Town with an opportunity to receive public input and to disseminate pertinent stormwater-related information. No modifications are planned for this BMP.

As mentioned in the Year 1 Report, the Town along with Roanoke County has taken a more robust approach to stormwater-related public events (such as its direct oversight of the storm drain stenciling program) and its continued partnership with CVC and WVWA. These changes have been reflected in the Town's MS4 Program Plan.

BMP 2-3. MS4 Program and Stormwater Pollution Prevention Website for Citizens' Access

The Town continues to post the Town's Municipal Separate Storm Sewer Systems (MS4) Program documents on the Town's website which citizens may view and comment upon. This form of public viewing will allow Town citizens to become knowledgeable about the goals of the program and have information with which to comment on existing issues and influence changes in future programs. Each annual report as required will be posted on the website to keep citizens current on annual evaluations of the program's effectiveness and any proposed changes to the stormwater program.

Goal: The Town will maintain and monitor its Stormwater website, which provides information to the public concerning the Town's and Roanoke County's Municipal Separate Storm Sewer System (MS4) Program, pertinent ordinances, design guidelines, general information, contact information, stormwater pollution prevention information, educational materials (newsletters, fact sheets, posters, and more), and links to other organizations and sites. The messages will be coordinated with the high-priority stormwater issues identified in **BMP 1-7**.

As part of the Stormwater website, the Town will maintain a webpage dedicated to the MS4 Program, which will contain MS4 permit information, including the effective MS4 permit and coverage letter, the most current MS4 Program Plan, the Annual Report for each permit year covered by the current permit, and a mechanism for the public to report (i) potential illicit discharges, improper disposal, or spills to the MS4, (ii) complaints regarding land disturbing activities, or (iii) other potential stormwater pollution concerns. This site will also include methods for how the public can provide input on the Town's MS4 program.

For citizens who wish to submit a stormwater-related concern or provide input on the MS4 Program Plan, the following links are available on the Town's and/County's Stormwater website:

- Report Stormwater Pollution Concerns via the link below:
<https://vinton.portal.iworg.net/portal/home/vinton> or [Illicit-Discharge-Reporting-Form-Stormwater \(vintonva.gov\)](#)
- Report Construction Site/Land Disturbing Complaints to Roanoke County Stormwater Manager: CLINKENHOKER@roanokecountyva.gov
- Submit comments on the Town's MS4 Program Plan via the link below:
<https://vintonva.gov/393/Public-Outreach-Education> or to Town's Planning and Zoning Director: amcmillan@vintonva.gov

Responsible Party: The Planning and Zoning Department in coordination with Roanoke County Stormwater Manager. The Planning and Zoning Coordinator is the Town's webmaster and social media coordinator.

Schedule: The Town will maintain a Stormwater website and MS4 webpage (see links, below) and document their usage, including the annual number of visits to each page. The Town Stormwater website will contain links to the County's appropriate videos from the County's IDDE Public Outreach kit (discussed in Roanoke County's **BMP 1-5**) to inform the public about the hazards and legal ramifications of illicit discharges. It will also include recent versions of Roanoke County's stormwater-related public education materials, such as newsletters, fact sheets, posters, brochures, and more.

- Town of Vinton Stormwater:
<https://vintonva.gov/209/Stormwater-Quality-Information>
- MS4 Program:
<https://vintonva.gov/230/MS4-Permit>

The annual report for each year of the current permit's term will be posted to this webpage no later than 30 days after it has been submitted to DEQ. Additionally, the Town will monitor the most- and least-visited pages on the Stormwater website to determine if changes are needed to help expand the audience.

Measurable Goals: Success for this BMP will be measured by the successful posting of the MS4 permit, the corresponding permit coverage letter, the MS4 Program Plan, and the MS4 Annual Report (the latter of which will be posted within 30 days following its submittal to DEQ), along with a mechanism for the public to report its stormwater-related concerns and the methods by which the public can provide input on the Town of Vinton's MS4 program. As previously noted, the County provides several reporting options for the public through the following links, all three of which are on the Stormwater website and the MS4 Program webpage:

- Report Stormwater Pollution Concerns via the link below:
[Report a Concern System](#)
or [Illicit-Discharge-Reporting-Form-Stormwater \(vintonva.gov\)](#)
- Report Construction Site/Land Disturbing Complaints to Roanoke County Stormwater Manager: CLINKENHOKER@roanokecountyva.gov
- Submit comments on the Town's MS4 Program Plan via the link below:
<https://vintonva.gov/393/Public-Outreach-Education> or to Town's Planning and Zoning Director: amcmillan@vintonva.gov
- Since the Town has and continues to work cooperatively with Roanoke County Stormwater Division in the management of the MS4 permit requirements and Roanoke County is the Town of Vinton's VESMP Program Administrator, it is important to mention Roanoke County's BMP 2-3, as shown in the tables below.

The Town and Roanoke County will analyze the webpage statistics including the most- and least- popular material to evaluate the website's effectiveness.

Permit Year	Webpage Views-Town of Vinton/Roanoke County	Most Popular (MP) and Least Popular Page (LP)
2023 – 2024 (Year 1)	342 (Town) 6,027 (ROCO)	MP: MS4 (VSMP) Permit (TOV) LP: Balloon Releases = Littering (TOV) MP: Stormwater Management (ROCO) LP: FAQs: How Can We Improve Stormwater Quality? and Stormwater Management Volunteers (ROCO)
2024 – 2025 (Year 2)	342 (Town) 8,247 (ROCO)	MP: MS4 (VSMP) Permit (TOV) LP: Stormwater Public Education Videos (TOV) MP: Stormwater Management (ROCO) LP: Reporting Illicit Stormwater Discharge (ROCO)

A summary of Roanoke County's views of the stormwater-related Videos and Public Service Announcements (PSAs) is shown below.

VIEWS FOR VIDEOS AND PSAS (JULY 1, 2024 - JUNE 30, 2025)

Video Title	Views	Watch Time (Hours)
SWM - Illicit Discharge Detection and Elimination	709	74.5371
SWM - Stormwater Pollution Prevention for MS4s	581	125.4861
SWM - Stormwater Pollution Prevention for Construction Sites	320	28.3222
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 30 seconds	12	0.0642
SWM - Clean Valley Council Car Wash PSA 30 ¹	12	0.0929
SWM - Granny Says PSA 30	11	0.078
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 2 minutes	7	0.1066
SWM - Scoop the Poop PSA 30	6	0.0501
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 60 seconds	5	0.0428
SWM - Leaf Solution PSA 30	4	0.0259
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 10 minutes	4	0.0208
SWM - Lawn Care PSA 30	3	0.0177
SWM - Illicit Discharge, Detection and Elimination, A Grate Concern - 5 minutes	3	0.0152
SWM - Clean Valley Council Oil and Grease PSA 30	3	0.0251
SWM - Roanoke County Stormwater PSA May 2014	3	0.0126
SWM - Descarga, detección y eliminación ilícitas, una preocupación import - 10 minutos	1	0.0031
SWM - Rain Barrel PSA 30	1	0.0084

¹The Clean Valley Council (CVC) produced this PSA some years ago on behalf of Roanoke County, Roanoke City, and Town of Vinton

Viewing statistics for Roanoke County's Stormwater Management (SWM) homepage show a steady increase, which indicates that the County's Public Outreach efforts are working.

2017 - 2018: 666 views
2018 - 2019: 780 views
2019 - 2020: 1032 views
2020 - 2021: 1056 views
2022 - 2023: 1321 views
2023 - 2024: 1588 views
2024 - 2025: 1735 views

Roanoke County Stormwater Management Webpage Statistics www.roanokecountyva.gov/stormwater			
Permit Year 2: July 1, 2024 - June 30, 2025			
Page Title	Views	Users	
Stormwater Management Roanoke County, VA - Official Website	1735	904	
Septic Pump-Out Program Roanoke County, VA - Official Website	872	577	
Non-Point Source (NPS) Pollution Roanoke County, VA - Official Website	676	566	
Stormwater Ordinances & Documents Roanoke County, VA - Official Website	623	306	
Roanoke County Watersheds Roanoke County, VA - Official Website	597	434	
Volunteer Opportunities Roanoke County, VA - Official Website	489	379	
Stormwater MS4 Permit Roanoke County, VA - Official Website	452	218	
Stormwater Public Education Documents Roanoke County, VA - Official Website	304	202	
Stormwater Resources Roanoke County, VA - Official Website	247	184	
Stormwater Management Public Education Roanoke County, VA - Official Website	222	142	
Stream Impairments & Total Maximum Daily Loads Roanoke County, VA - Official Website	169	141	
County Stormwater Projects Roanoke County, VA - Official Website	166	128	
Stormwater Contractor Appreciation Roanoke County, VA - Official Website	150	123	
Stormwater Public Education Videos Roanoke County, VA - Official Website	148	117	
Wolf Creek - Phase II Roanoke County, VA - Official Website	144	133	
Photo Gallery Stormwater Network Components	133	113	
Forms Center Septic Pump-Out Program Application	131	89	
Forms Center Illicit Stormwater Discharge Reporting Form	129	123	
Restoration of Murray Run at Ogden Road Roanoke County, VA - Official Website	113	110	
FAQs Stormwater Management	103	98	
The Orchards and Other Drainage System Improvements Roanoke County, VA - Official Website	99	91	
Staff Directory Stormwater Management	96	80	
Background on Stormwater Public Education Roanoke County, VA - Official Website	95	94	
News Flash Free Septic Tank Pump-Outs Available to Roanoke	78	54	
Stormwater Documents & Ordinances Roanoke County, VA - Official Website	57	32	
News Flash Roanoke Valley-Alleghany Region Septic Pump-Out	55	45	
Blog Glade Creek Natural Stream Restoration at Vinyard Park	54	41	
News Flash Stormwater Management Seeks Public Comments About Revised TMDL Action Plans	46	32	
FAQs What is stormwater management?	25	21	
Blog Top 10 Ways to Reduce Stormwater Pollution at Home	13	11	
FAQs How can we improve stormwater quality?	10	9	
Quick Links Stormwater Management	10	10	
Reporting Illicit Stormwater Discharge Roanoke County, VA - Official Website	6	6	
TOTALS	8,247	5,613	

TMDL Consistency: Access to the MS4 Program documents and stormwater management information gives Town's citizens a means to familiarize themselves with the issues concerning the Town's waterways and creeks, the associated impairments, and any approved TMDLs. In addition, the program documents detail the Town's efforts to address these issues.

This BMP helps to inform citizens on ways to get involved with current water quality issues and to make them aware of available outreach programs, both with the goal of

helping citizens minimize any impact that they may have on local water quality. (EC, and SED).

Evaluation and Modification: The Town believes that posting the MS4 program-related documents and stormwater link to Roanoke County's MS4 on its Stormwater Website is an effective way to allow interested citizens to become more familiar with the Town's stormwater program and to provide them with a means to make comments and become involved. No modifications are planned for this BMP.

Pursuant to the MS4 permit, the Town will provide the following:

- A summary of any public comments on the MS4 Program received and how the Town responded.
 - The Town did not receive any public comments on the MS4 Program in the reporting year.
- 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 Town responded.
 - In this Year 2 Permit Year, the Town received two drainage-related complaints through its online Report a Concern System web form:
 1. Fuel Leak into Drain reported on 7/12/2024 and forwarded to Public Works Department on 7/15/25. The site was inspected on 7/17/2025, by the Town's Stormwater Utility Manager. No residue was observed and the outfall did not have rainbow or discoloration, and the case was closed on 7/17/25.
 2. Mud/sediment runoff from exposed/disturbed area and gravel issues reported on 8/22/2024. The case was forwarded to Public Works Department. The homeowner has repaired the driveway to minimize mud and runoff issues, and the case was closed on 12/9/2024.
 - In this Permit Year, the County received **29 drainage-related** complaints out of **32** complaints submitted through its "Report a Concern" web form. These complaints were addressed by appropriate stormwater operations staff or forwarded to the proper agency for resolution (i.e., VDOT, WVWA, VDH, etc.). Historically, the resolution to such complaints has not been tracked, but the County may use Cityworks for this purpose in future permit years. The County also responded to **50 illicit discharge** complaints, **5** of which came through the online Illicit Discharge Form on the Stormwater website. See the folders titled **BMP 2-3** and **BMP 3-3** in the Appendix of this Report.

- The webpage addresses the Town's MS4 program and stormwater website, to include (1) mechanisms for the public to report (i) potential illicit discharges,

improper disposal, or spills to the MS4, (ii) complaints regarding land disturbing activities, or (iii) other potential stormwater pollution concerns; and (2) methods for how the public can provide input on the permittee's MS4 program.

- Report Stormwater Pollution Concerns via the link below:
[*Report a Concern System*](#) or
[***Illicit-Discharge-Reporting-Form-Stormwater \(vintonva.gov\)***](#)
- Construction Site/Land Disturbing Complaints to Roanoke County Stormwater Manager: CLINKENHOKER@roanokecountyva.gov
- Submit comments on the Town's MS4 Program Plan via the link below:
<https://vintonva.gov/393/Public-Outreach-Education> or to Town's Planning and Zoning Director: amcmillan@vintonva.gov
- Intended changes. To consolidate similar data and avoid duplicity, the Town plans to retire **BMP 1-6: Town of Vinton Stormwater Webpage** and incorporated pertinent data from it into **BMP 2-3**.

BMP 2-4. Household Hazardous Waste Collection Events

The Town of Vinton along with Roanoke County and City of Roanoke created Roanoke Valley Resource Authority in 1992. The Roanoke Valley Resource Authority (RVRA) owns the Tinker Creek Transfer Station, the Smith Gap Landfill, and the Waste Line Express train. The City of Salem joined the RVRA in May 2016. This regional, public-private partnership was the first project in the United States to use rail as the sole transportation link between a solid waste transfer station and a landfill.

A permanent household hazardous waste facility is continued to be made available at the Roanoke Valley Resource Authority (RVRA). Free monthly collection events take place on the third Saturday of each month, beginning at 12 noon for the residents of the Cities of Roanoke and Salem, Roanoke County and Town of Vinton. Preregistration is required to bring items to these events.

In addition to the RVRA HHW monthly collections, the Western Virginia Water Authority (WVWA) holds an annual Rx/Prescription Take-back event in the Roanoke Valley region in which the Vinton Police Department participates by having the event at the Vinton Lake Drive Plaza Shopping Center/Vinton Kroger. These drugs are then collected by Roanoke County Sheriff's Office for destruction.

Goal: The goal of this BMP is to provide citizens with an opportunity to dispose of their potentially hazardous household materials in an environmentally friendly manner; this will avoid having such products end up in local landfills.

Responsible Party: The Town's Planning and Zoning, Police Department, and Public Works Department, through the Roanoke Valley Resource Authority (RVRA) and Western Virginia Water Authority (WVWA).

Schedule: The Town will continue to participate in this RVRA Household Hazardous Waste (HHW) Collection and WVWA Rx/Prescription Take-back event. The Town will document the number of these events, participants, and total weight of the collected waste. The Town will continue with the funding to keep the monthly collection at the RVRA facility and to provide staff during the drug take-back events. This monthly collection and drug take back events make it easier for citizens to dispose of their household hazardous materials and waste, and their unused prescription drugs. The Vinton Police Department in cooperation with Roanoke County Sheriff Department will continue to maintain the prescription drug drop-off box in the lobby accessible to the public during business hours.

Measurable Goal: Success for this BMP will be measured by the continued participation in the RVRA Household Hazardous Waste monthly collections and the WVWA Rx Take-Back Event. The Town will continue to advertise this monthly hazardous waste collection, Rx/Prescription take-back events, and the Vinton Police Department drop-off box on its website to increase participation to keep hazardous

waste from being disposed of inappropriately into the Roanoke Valley streams and Roanoke River.

Permit Year	Drug Take-Back Event at Vinton Kroger	Total Bags and Pounds Collected
2023 – 2024 (Year 1)	Total as of April 2024	93.9 Pounds
2024 – 2025 (Year 2)	Total as of October 2024	70.2 Pounds

Permit Year	# RVRA Household Hazardous Waste Collection Events	Attendance
2023 – 2024 (Year 1)	10*	14 Town of Vinton/730 (Total)
2024 – 2025 (Year 2)	12	19 Town of Vinton/765 (Total)

- Regional statistics on the materials collected, quantities and total weight collected by the RVRA for the household hazardous waste for this permit year is shown below.

RVRA Household Hazardous Waste Collection Program, July 1, 2024 – June 30, 2025

*	Oil Gallons	Antifreeze Gallons	Batteries Each	Latex Paint Gallons
YTD Total	1,389	0	0	4,030
YTD Residents Total	276	0	0	806

- As of July 1, 2022, the Town sold its water and sanitary sewer systems to Western Virginia Water Authority (WVWA). The WVWA held two Rx Take-Back events in the Roanoke Valley region during this permit year, one on October 28, 2024, and one on April 26, 2025. On the venue is Vinton Kroger located at 915 Hardy Road, Vinton for both of the events.

Permit Year	WVWA Drug Take-back Event	Total (lbs.) Collected	Total (lbs.) Collected at Vinton Kroger
2023 – 2024 (Year 1)	October 28, 2024	539.4	97.6
	April 27, 2024	1743.7	N/A
2024 – 2025 (Year 2)	October 28, 2024	989.4	70.2
	April 26, 2025	1,141	177.5

*NOTE:

Additional medication was collected at the growing number of permanent take-back boxes across Roanoke Valley, but the WVWA has no way of knowing the quantity.

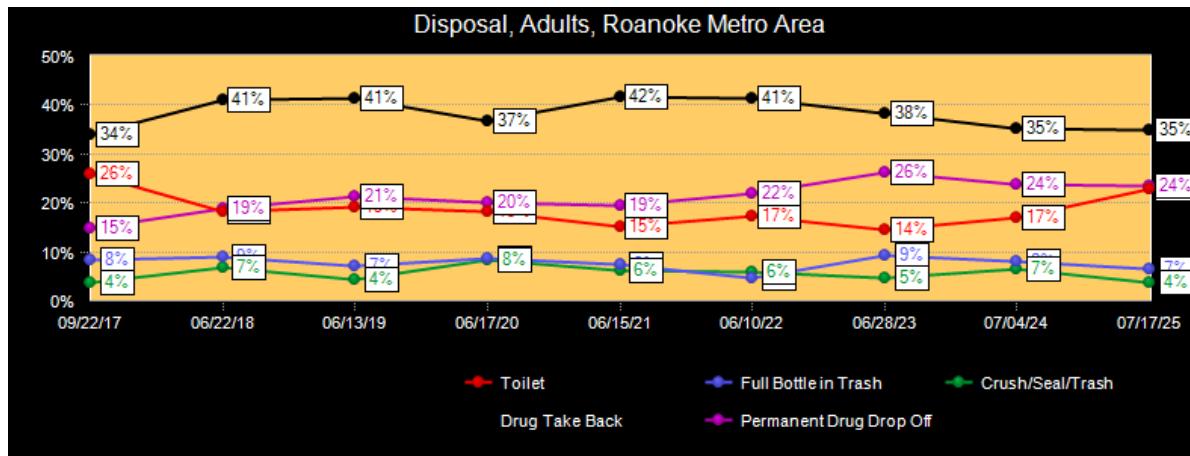
- The WVWA collected additional medication at the permanent take-back boxes located at the Towers CVS, Walgreens on Hershberger Road, and Carilion pharmacies, but the WVWA has no mechanism for determining the collection totals for any of the permanent take-back boxes.

- WVA created a regional website, [Take Them Back - Take Them Back](#) with an interactive map that shows all permanent drug take-back boxes located in the Roanoke Valley.
- The WVA is administering a \$136,700 Virginia Environmental Endowment grant that started in July 2021 and goes through July 1, 2024, and it was not renewed. Through this grant, the WVA purchased and distributed medication disposal bags, disposal information magnets, and one permanent lock box at FairWay Pharmacy. The WVA has also created and launched quarterly media campaigns about proper medication disposal and has conducted pre-grant testing on pharmaceuticals/personal care products in wastewater.
- The WVA received their SurveyUSA phone poll results, and out of 500 adults 18 and over in the counties/cities of Botetourt, Craig, Roanoke County, City of Roanoke and Salem City, were asked this question:

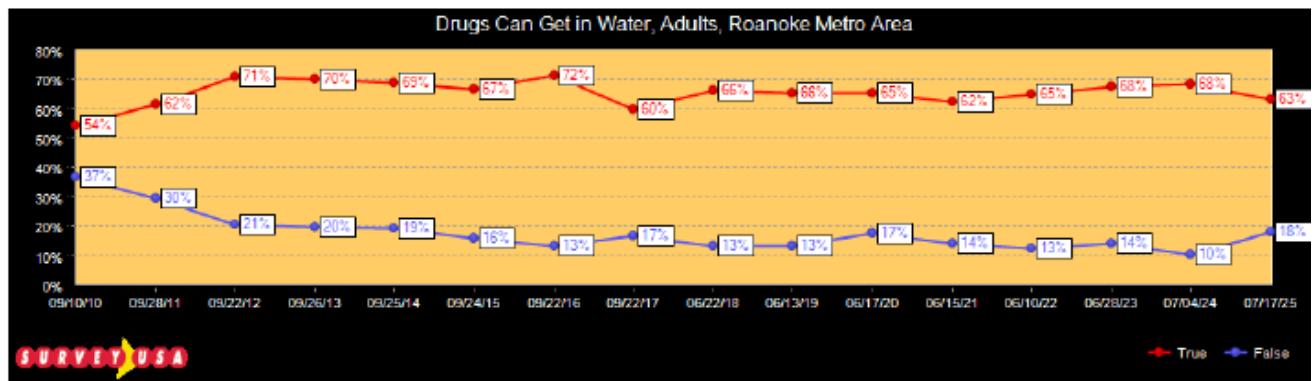
T How would you most likely dispose of unwanted prescription drugs in your home? Flush them down the toilet? Throw the full prescription bottle in the trash? Crush the prescription drugs, put them in a sealed container and put them in the trash? Take them to a drug take back event? Take them to a permanent drug drop off site? Or some other way?

Here are the annual results since 2017:

TRACK POINTS	09/22/17	06/22/18	06/13/19	06/17/20	06/15/21	06/10/22	06/28/23	07/04/24	07/17/25
	± 5.5%	± 5%	± 5.1%	± 5.4%	± 5.5%	± 5.3%	± 5.2%	± 5.2%	± 5.6%
ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
Toilet	26%	18%	19%	18%	15%	17%	14%	17%	23%
Full Bottle in Trash	8%	9%	7%	9%	8%	5%	9%	8%	7%
Crush/Seal/Trash	4%	7%	4%	8%	6%	6%	5%	7%	4%
Drug Take Back	34%	41%	41%	37%	42%	41%	38%	35%	35%
Permanent Drug Drop Off	15%	19%	21%	20%	19%	22%	26%	24%	24%
Other	5%	3%	4%	4%	4%	5%	4%	5%	3%
Not Sure	9%	3%	3%	5%	6%	4%	3%	5%	5%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%



They also ask this question: “True or False? Flushing medication down the toilet can lead to traces of drugs being found in the drinking water?”



TMDL Consistency: Currently, there is no known direct benefit that this BMP will have on any of the TMDL waste load allocations. However, it should have a beneficial effect on stream water quality by keeping these products out of local receiving waters.

Evaluation and Modification: The Town changed this BMP's name from "Household Hazardous Waste Event" to "Household Hazardous Waste Collection Events" to formally acknowledge the Rx Take-Back events held by the WVWA. Participation in the Household Hazardous Waste events, the prescription take-back events, and the prescription drop-box at the Vinton Municipal lobby are popular with citizens. The Town understands that these programs help to keep hazardous waste from being disposed of in an inappropriate fashion and out of local waterways, therefore, the Town does not have any plans to modify this BMP.

MCM 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

The Town has established a program to detect and eliminate illicit discharges in the Town's storm sewer system by developing and adopting ordinances and regulations, outfalls inspections, and an enforcement program to minimize illicit discharges and to prevent illegal discharges into the storm drain system.

The goal of this minimum control measure is to develop, implement, and enforce a program to detect and eliminate illicit discharges to the storm sewer system. The following amended BMPs have been established to complete this measure are listed below.

BMP 3-1. The Town Municipal Separate Storm Sewer System (MS4) Map

The Town in cooperation with Roanoke County Communication/Information Technology (Commit) GIS Division and Roanoke County Stormwater Manager maintains a map of the Town's municipal separate storm sewer system (MS4) in the County's GIS network. This database will be maintained so that a map of all the public storm sewers in the Town will be available to the public.

BMP 3-2. Illicit Discharge Ordinance

Both the Town of Vinton's and Roanoke County's Illicit Discharge Ordinance have been adopted and will be maintained to provide authority to address illicit discharges. It includes language that prohibits non-stormwater discharges into the storm drainage (MS4) system.

BMP 3-3. Illicit Discharge Detection and Elimination (IDDE) Program

(formerly BMP 3-4. Illicit Discharge Program to Minimize Illicit Discharges)

The Town maintains written procedures and implements a program to detect, identify, and address non-stormwater discharges and illegal dumping into its MS4.

BMP 3-4. Dry Weather Screening *(formerly BMP. 3-3. MS4 Outfall*

Inspections)

The Town implements a program to annually inspect storm drain outfalls within its MS4 area in search of unauthorized discharges.

This report provides a detailed description of the goals of each BMP, the status of the Town's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the overall MS4 Program goals. In addition, the report includes strategies to ensure consistency with local TMDLs are also provided, and they are broken down by impairment type: *Escherichia coli (E. coli)* bacteria (EC) or sediment (SED).

BMP 3-1. The Town Municipal Separate Storm Sewer System (MS4) Map

Roanoke County Department Communication/Information Technology GIS Division and Department of Development Services have been responsible for the Town's mapping services and needs.

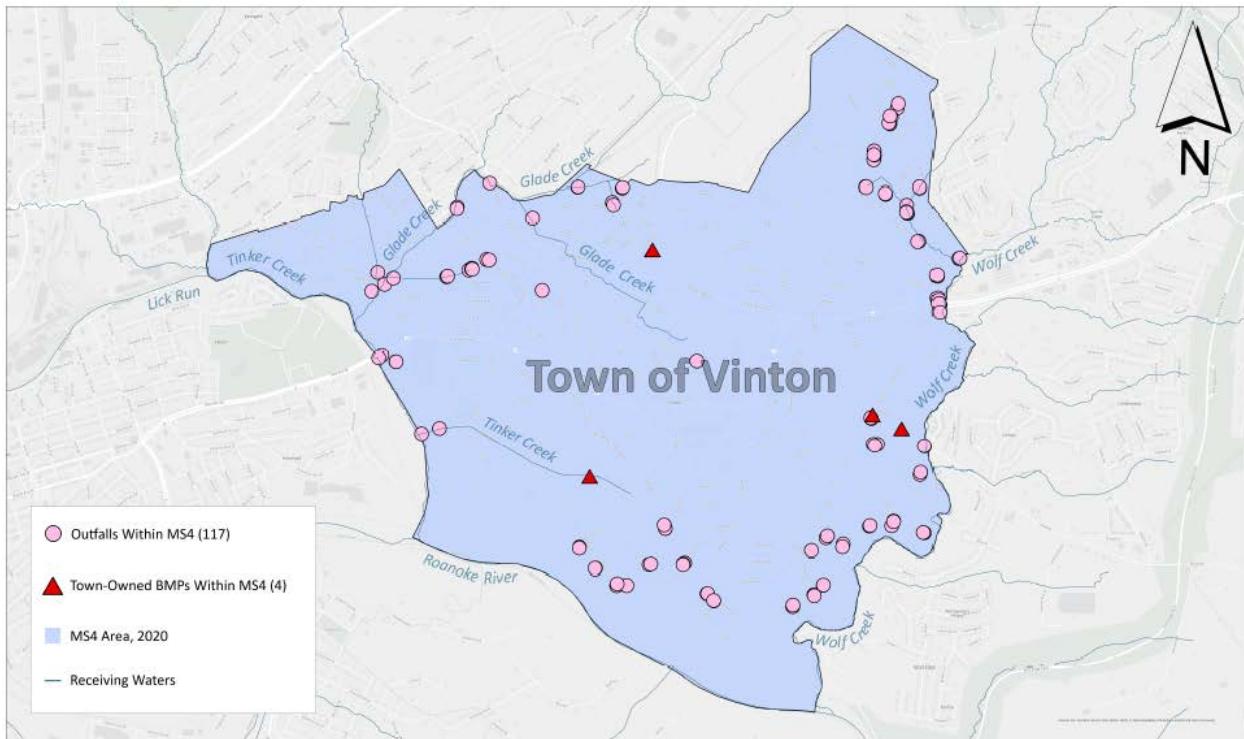
Goal: The goal of this program is to develop and maintain an accurate MS4 map (with a corresponding information table attached), which shows the storm sewer system that is owned or operated by the Town.

The MS4 map shall include the location of MS4 outfalls that discharge to surface waters, a unique identifier for each mapped item required in Part I.E.3. of the MS4 Permit, the name and location of receiving waters to which the MS4 outfall or point of discharge discharges, the MS4 regulated service area, and all stormwater management facilities owned or operated by the Town.

Pursuant to the MS4 Permit, the information table associated with the MS4 map may be maintained as a shapefile attribute table and shall include the following information for each outfall or point of discharge for those cases in which the Town elects to map the known point of discharge:

- a. A unique identifier as specified on the storm sewer system map.
- b. The latitude and longitude of the outfall or point of discharge.
- c. The estimated regulated acreage draining to the outfall or point of discharge.
- d. The name of the receiving water.
- e. The 6th Order Hydrologic Unit Code of the receiving water.
- f. An indication as to whether the receiving water is listed as impaired in the Virginia 2016 305(b)/303(d) Water Quality Assessment Integrated Report.
- g. The name of any EPA-approved TMDLs for which Town of Vinton is assigned a waste load allocation.

The MS4 Map and Outfall Information Table required by Part I.E.3.a. of the MS4 permit are included in the Appendix in the folder titled **BMP 3-1**.



Town of Vinton Municipal Separate Storm Sewer System (MS4) Map



August 2025

Responsible Party: The Town's Planning and Zoning Department, with assistance from Roanoke County's Department of Development Services and Department of Communications/Information Technology (CommIT).

Schedule: The Town will maintain an accurate MS4 map and will annually update it no later than by October 1 of each year. The Town's updates to the storm sewer system map and outfall information table will include any new outfalls constructed or TMDLs approved, or both, during the immediately preceding reporting period.

Measurable Goal: Success for this BMP will be measured by demonstrating that the Town has updated its MS4 map and outfall information table to include any new outfalls constructed or TMDLs approved or both during the immediately-preceding reporting period.

- The Town confirms that the MS4 map and information table were updated to reflect any changes to the MS4 occurring on or before June 30, 2025.
 - The letters and the MS4 map can be accessed in the Appendix of this report in the folder titled **BMP 3-1**. In addition, the letters and the map are

in **BMP 3-1** of the Town's MS4 Program Plan, which is posted on the website at:

<https://vintonva.gov/230/MS4-Permit>

- The Town provided written notification to the regulated MS4 to which its MS4 system is physically interconnected (City of Roanoke, Roanoke County, and Virginia Department of Transportation). The most recent letters are in the Appendix in the folder titled BMP 3-1.

TMDL Consistency: An updated and accurate storm drainage map identifying all the municipal separate storm sewers and their components aids the Town in the discovery of illicit discharge connections (EC/FC) and the locations where sediment may be entering the regulated MS4 (SED).

Evaluation and Modification: The Town believes that the process of mapping the storm (sewer) drainage system is an appropriate method to aid in the enforcement, detection, and elimination of illicit discharges to the system. No modifications are planned for this BMP.

BMP 3-2. Illicit Discharge Ordinance

Illicit discharge detection, identification, and enforcement will be addressed by Town personnel as authorized under Article 3. Illicit Discharge Division 4. Inspections and Monitoring and Division 5. Enforcement and Penalties of the Stormwater Management Ordinance adopted on May 20, 2014.

Goal: The goal of this BMP is to adopt regulations that prohibit illicit discharges into the Town's Municipal Separate Storm Sewer System and that also provide the Town with an enforcement mechanism.

Responsible Party: The Town's Planning and Zoning and Public Works Departments, in cooperation with the Town Attorney.

Schedule and Evaluation: The Town's Illicit Discharge Ordinance was adopted on May 20, 2014, and it is compliant with Virginia's stormwater regulations. Enforcement measures and penalties are included in the Illicit Discharge Ordinance. The Town will update the ordinance, as necessary, to maintain the effectiveness of the program.

Measurable Goals: Success of this BMP will be measured by the continued compliance of the Town's Illicit Discharge Ordinance with the MS4 General Permit. The Town's Illicit Discharge Ordinance is available on Town's website via the link below:
[Chapter 79 - STORMWATER MANAGEMENT | Code of Ordinances | Vinton, VA | Municode Library](#)

TMDL Consistency: An Illicit Discharge Ordinance aids in the enforcement of illicit discharges to the MS4 system. This legal mechanism aids the Town in eliminating illicit connections and discouraging a wide variety of illicit discharges to the MS4 system (EC, and SED).

Evaluation and Modification: The Town finds that the Illicit Discharge Ordinance is an effective tool for use in dissuading its citizens from illegally discharging into the MS4. No modifications are planned for this BMP.

BMP 3-3. Illicit Discharge Detection and Elimination (IDDE) Program

Goal: The goal of this BMP is to detect, identify, and eliminate non-stormwater discharges and illegal dumping into the Town's MS4. As part of this effort, the Town will maintain, implement, and enforce illicit discharge detection and elimination (IDDE) written procedures designed to detect, identify, and address unauthorized non-stormwater discharges, including illegal dumping, to the MS4 to effectively eliminate the unauthorized discharge. Written procedures shall include:

- a. A description of the legal authorities, policies, standard operating procedures or other legal mechanisms available to the Town to eliminate identified sources of ongoing illicit discharges including procedures for using legal enforcement authorities.
- b. Dry weather field screening protocols to detect, identify, and eliminate illicit discharges to the MS4, as listed in the MS4 permit Part I.E.3.c.2. (See BMP 3-4 Dry Weather Screening.)
- c. A timeframe upon which to investigate, identify, and locate the source of any observed unauthorized non-stormwater discharge. Priority of investigations shall be given to discharges of sanitary sewage and those believed to be a risk to human health and public safety. Per the MS4 permit, discharges authorized under a separate VPDES or state permit require no further action.
- d. Methodologies to determine the source of all illicit discharges. If the Town is unable to identify the source of an illicit discharge within six months of beginning the investigation, then staff will document that the source remains unidentified. If the observed discharge is intermittent, staff will document that attempts to observe the discharge flow were unsuccessful.
- e. Methodologies for conducting a follow-up investigation for illicit discharges that are continuous or that the Town expects to occur more frequently than a one-time discharge to verify that the discharge has been eliminated except as provided for in Part I E 3 c (4).
- f. A mechanism to track all illicit discharge investigations to document the following:
 - o The dates that the illicit discharge was initially observed, reported, or both.
 - o The results of the investigation, including the source, if identified.
 - o Any follow-up to the investigation.
 - o Resolution of the investigation.
 - o The date that the investigation was closed.

Responsible Party: The Planning and Zoning in cooperation with Public Works Department.

Schedule: The Town maintains written procedures to detect, identify, and address unauthorized non-stormwater discharges, including illegal dumping, to its MS4. The Town will update these procedures, as necessary, to maintain the effectiveness of the program. The procedures are provided in the Appendix in the folder titled **BMP 3-3**.

Measurable Goals: The Town will maintain and implement written procedures to detect, identify, and address unauthorized non-stormwater discharges, including illegal dumping, to its MS4. The Town will update these procedures, as necessary, to maintain the effectiveness of the program. Success for this BMP will be measured by compliance with the Town's written procedures and documentation of the IDDE complaints received/investigated and closed. The documentation includes the following information:

- A list of illicit discharges to the MS4 including spills reaching the MS4 with information as follows:
 - The source of illicit discharge.
 - The dates that the discharge was observed, reported, or both.
 - Whether the discharge was discovered by the Town during dry weather screening, reported by the public, or other method (describe).
 - How the investigation was resolved.
 - A description of any follow-up activities.
 - The date of the investigation was closed.

A summary of the investigations, including the required information above, is provided in the Appendix under the folder titled BMP 3-3. Success for this BMP will be measured by compliance with the written procedures and documentation of the complaints received/investigated and closed. The Town utilizes its website to educate its citizens on the issues pertaining to the stormwater runoff including illicit discharges reporting, via the link below:

[Stormwater Quality Information | Vinton, VA - Official Website \(vintonva.gov\)](http://vintonva.gov)

- Citizens can report any concerns including stormwater runoff and/or storm drain complaint through the Town's website via the following link below:
[Citizen Portal \(iWorQ.net\)](http://iWorQ.net)

In this Permit Year, the Town received two (2) stormwater-related complaints through its "iWorQ" web form and Town's personnel.

As part of the illicit discharge procedure, these complaints were addressed by staff and/or forwarded to the proper agency for resolution (i.e., Town's Public Works Department, Roanoke County Stormwater Program Manager.).



Town of Vinton
311 S. Polk Street
Vinton, IA 50642
Phone (510) 983-0605
Fax (510) 983-0621

Submit A Violation

CLICK HERE to Submit a Complaint



Submit a complaint for a public nuisance that needs to be addressed by Code Enforcement.

Example Nuisances to Submit:

- Tall Grass
- Abandoned Vehicle
- Unsafe Structure

When searching for a property on the application, please start with ONLY the street number or ONLY the street name.

1 Click on the  icon to begin.

2 Fill out all applicable fields and attach an image.

3 Click Submit to send the complaint to the Town.

Permit Year	# of Illicit Discharge Complaints Received/Investigated	# of Closed Investigations
2023 – 2024 (Year 1)	2	2
2024 – 2025 (Year 2)	2	2

TMDL Consistency: Identifying and eliminating illicit discharges to the MS4 system helps to minimize the entry of pollutants into local receiving waters (EC and SED).

Evaluation and Modification: This BMP was strengthened by adding a water testing protocol, which allows staff to conduct field sampling/testing of stormwater to determine if more rigorous laboratory analysis is needed. The Town believes that this BMP provides a valuable strategy to detect, identify, and eliminate non-stormwater discharges and illegal dumping into the Town's Municipal Separate Storm Sewer System (MS4). No further modifications are planned.

BMP 3-4. Dry Weather Screening

As of June 30, 2023, based on field inspections, the Town has a total of 64 outfalls discharging to TMDL streams of Roanoke River, Tinker Creek, and Glade Creek. Currently, dry weather screenings are performed by the Town's Planning and Zoning, and Public Works Departments' personnel during the regular maintenance of these outfalls.

Goal: The goal of this BMP is to inspect storm drain outfalls to detect illicit discharges during dry weather (i.e., when the storm drainage system would normally be dry) so that actions may be taken to eliminate them.

The Town maintains dry weather field screening protocols to detect, identify, and eliminate illicit discharges to the MS4. The protocol includes:

- a. A prioritized schedule of field screening activities and rationale for prioritization determined by the Town based on such criteria as age of the infrastructure, land use, historical illegal discharges, dumping or cross connections.
- b. A schedule to annually screen (i.e., inspect) all the 50 outfalls.
- c. A mechanism to track the following information:
 - o The unique outfall identifier for the outfall or observation point.
 - o Time since the last precipitation event.
 - o The estimated quantity of the last precipitation event.
 - o Site descriptions (e.g., conveyance type and dominant watershed land uses).
 - o Observed indicators of possible illicit discharge events, such as floatable, deposits, stains, and vegetative conditions (e.g., dying or dead vegetation, excessive vegetative growth)
 - o Whether or not a discharge was observed.
 - o If a discharge was observed, the estimated discharge rate and visual characteristics of the discharge (e.g., odor, color, clarity) and the physical condition of the outfall.
 - o For observation points, the location, downstream outfall unique identifier, and risk factors or rationale for establishing the observation point.

NOTE: The MS4 Permit allows for the adoption of a risk-based approach to dry weather screening identifying observation points based upon illicit discharge risks upstream of an outfall. Should the Town opt to implement such a program in the future, observation points may include points of interconnection, manholes, points of discharge, conveyances, or inlets suspected to have a high likelihood of receiving illicit discharges.

Responsible Party: The Planning and Zoning and Public Works Departments.

Schedule: The Town implements an annual outfall inspection program to detect and locate the source of dry weather illicit discharges that enter its MS4. The Town will conduct additional outfall inspections, as necessary, to maintain the effectiveness of the program. To enhance the existing program, and as previously reported, the Town added a water testing protocol to its procedures for sites where flow is observed. The enhanced procedures are included in the Appendix in the folder titled **BMP 3-3**.

Measurable Goal: Success for this BMP will be measured by field screening a minimum of 50 outfalls per year and documenting the results of these inspections, as specified above.

- For this permit year, the Town inspected 60 outfalls for inspection, using the following criteria, in descending order:
 - In the MS4 area
 - Drains to an impaired waterway
 - Within 1/10th of a mile from the nearest receiving water

The results of these inspections are shown below, and a detailed summary of the inspections is in the Appendix in the folder titled BMP 3-4:

Permit Year	# Outfalls Inspected	# of Illicit Discharges Found
*2023 – 2024 (Year 1)	4	0
2024 -2025 (Year 2)	60	0

TMDL Consistency: Dry Weather Screening of outfalls aids in the location, identification, and elimination of illicit discharges to MS4. This method provides staff with the methodology needed to screen, target, and monitor the storm drain system to discover existing illegal discharges and illegal connections to the MS4 (EC and SED).

Evaluation and Modification: The Town believes that Dry Weather Screening is a critical component in the detection and elimination of illicit discharges and illicit connections to its storm sewer system. The Town will continue inspecting outfalls. As noted above, a new testing protocol was previously implemented.

MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF AND EROSION AND SEDIMENT CONTROL

*** The implementation of this MCM and its associated BMPs is the responsibility of Roanoke County Department of Development Services in cooperation with the Town of Vinton Planning and Zoning Department.**

The Town works cooperatively with Roanoke County in this measure since the County's is the Town's Erosion Sediment Control (ESC) Administrator beginning February 14, 1984. On April 5, 2016, a resolution was adopted by the Vinton Town Council for the establishment of a Memorandum of Understanding (MOU) agreement between the County of Roanoke Board of Supervisors and the Vinton Town Council for the County to continue to administer the Virginia Erosion and Sediment Control Program (VESCP) and to administer the Virginia Stormwater Management Program (VSMP) for the Town of Vinton.

On **September 17, 2024**, Vinton Town Council adopted Roanoke County's consolidated Erosion and Stormwater Management (ESM) Ordinance and adopted a resolution to enter a Memorandum of Understanding (MOU) with Roanoke County for the County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

The Town and County recognize that construction sites can deposit significant amounts of silt and sediment in stormwater runoff due to large areas of land disturbances.

The goal of this minimum control measure is to reduce pollutants that may enter the MS4 via stormwater runoff from construction activities. To accomplish this, the County implements the Virginia Erosion and Stormwater Management Program (VESMP). The BMPs that will be used by Roanoke County and supported by the Town of Vinton to satisfy this MCM are listed below:

BMP 4-1. Legal Authorities

Roanoke County utilizes its legal authority, such as ordinances, permits, orders, specific contract language, and interjurisdictional agreements, to ensure compliance with the MS4 Permit for erosion and sediment control and construction site stormwater runoff control.

BMP 4-2: Plan Review

Roanoke County conducts plan reviews for proposed construction projects to ensure compliance with the Virginia Erosion and Stormwater Management Program (VESMP) requirements, ensuring proper erosion and sediment controls and stormwater management devices, including their maintenance provisions, are shown on the plan.

BMP 4-3. Site Inspections

Roanoke County maintains and implements written inspection procedures to ensure compliance with the Virginia Erosion and Stormwater Management Program (VESMP) requirements and to ensure that onsite erosion and sediment controls are properly implemented and maintained. The County also requires implementation of appropriate controls to prevent non-stormwater discharges to the MS4, such as wastewater, concrete washout, fuels and oils, and other illicit discharges.

BMP 4-4. Compliance and Enforcement

Roanoke County maintains and implements written procedures for VESMP compliance and enforcement regarding construction site stormwater runoff requirements.

BMP 4-5: Employee and Contractor Certifications

Roanoke County ensures that employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators obtain the appropriate certifications as required under the Virginia Erosion and Stormwater Management Program (VESMP).

Town's Planning and Zoning Department continues to work cooperatively with Roanoke County's Department of Development Services in this measure. Any new development, re-development, and/or addition meeting certain criteria will require site plans be submitted for review and approval as stated in the County's and Town's codes. The site and/or Erosion and Sediment Control plans must be submitted to the Roanoke County's Department of Development Services.

As provided by Roanoke County Stormwater Program Manager, this report provides a detailed description of the goals of each BMP, the status of the County's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the overall MS4 Program goals. In addition, the strategies to ensure consistency with local TMDLs are also provided, and they are broken down by impairment type: Escherichia coli (*E. coli*) bacteria (EC), sediment (SED), or Polychlorinated biphenyls (PCBs). The Polychlorinated biphenyls (PCBs) TMDL is only applicable to Roanoke County.

BMP 4-1. Legal Authorities

Goal: The goal of this BMP is for the County to describe and utilize its legal authorities, such as ordinances, permits, orders, specific contract language, policies, and interjurisdictional agreements, to ensure compliance with Part I.E.4.a. of the MS4 Permit for erosion and sediment control and construction site stormwater runoff control.

The County uses the following legal authorities:

- Erosion and Stormwater Management (ESM) Ordinance – The ESM ordinance was adopted by Roanoke County Board of Supervisors on August 1, 2024, and revised on July 8, 2025; integrates the County of Roanoke's stormwater management (SWM) requirements with its erosion and sediment control (ESC) requirements to establish a consolidated program consistent with the Virginia Erosion and Stormwater Management Program (VESMP). The purpose of this ordinance is to ensure the general health, safety, and welfare of its citizens to protect the quality and quantity of state waters from the potential harm of unmanaged stormwater and soil erosion, including protection from land disturbing activities causing unreasonable degradation of properties, water quality, stream channels, steep slopes, and other natural resources, and to establish procedures whereby stormwater requirements related to water quality and quantity shall be administered and enforced.

On September 17, 2024, Vinton Town adopted Roanoke County's ESM ordinance, as amended by reference, and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

- The ordinance requires ESC controls for all regulated land disturbances of 2,500 square feet or more and an engineered ESC Plan for any land disturbance greater than 10,000 square feet. The ESC Plan must provide for the implementation of appropriate erosion and sediment controls, to include their proper placement, design, and maintenance requirements. The ordinance includes site inspection and compliance/enforcement procedures for erosion and sediment control.
- The ordinance requires an SWM plan or an Agreement-in-lieu-of a Stormwater Management Plan for all regulated construction activities that disturb 1 acre or greater. The ordinance includes site inspection and compliance/enforcement procedures for active construction and post-construction stormwater management facilities.
- **Erosion and Sediment Control (ESC) Permit** – authorizes commencement of land disturbing activities within the Town Limits, for which an approved ESC Plan or Agreement-in-lieu-of an ESC Plan have been approved by the County as the Town's VESMP Administrator.

- **Agreement-in-lieu-of an Erosion and Sediment Control Plan** – requires compliance with the minimum control measures, as listed in the Virginia Erosion and Stormwater Management Regulation (9VAC25-875), for projects that disturb less than 10,000 square feet.
- **Virginia Stormwater Management Program (VSMP) Permit** – issued by the County for projects that are located within Roanoke County and the Town of Vinton, that will cause one acre or more of land disturbance, and for which there is a County-approved stormwater management plan.
- **Agreement-in-lieu-of a Stormwater Management Plan** – requires compliance with certain stormwater management control strategies and is only applicable for the construction of single-family homes.
- **VSMP Approval (Permit Coverage) Letter issued by the Virginia DEQ** – provides Roanoke County with coverage under the MS4 Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems MS4 Permit Number VAR040022 and the Town of Vinton with coverage under the MS4 Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems MS4 Permit Number VAR040026.
- **Letter from DEQ Approving Alternative Inspection Program (ESC)** – authorizes Roanoke County to conduct an alternative inspection program for ESC.
- **Stormwater Management Design Manual** – provides design guidelines for regulated land-disturbing projects to ensure their compliance with the VESMP requirements.

Responsible Party:

- Roanoke County Department of Development Services implements the County's VESMP for Roanoke County and Town of Vinton, which includes conducting plan reviews, site inspections, compliance/enforcement activities, and project permitting.
- Roanoke County Attorney's office provides support to the Department of Development Services during compliance/enforcement actions, as necessary.

Schedule: Roanoke County implements an ESM ordinance to comply with Virginia's Erosion and Stormwater Management (VESM) Regulation (9VAC25-875). The County will update its ordinance and supporting documents, as needed, to remain consistent with the state program. The ordinance may be accessed here:

<https://www.roanokecountyva.gov/DocumentCenter/View/29575/070924-3-E1-Ordinance---Amending-Ch-81-Repeal-Ch-23-Create-Consolidated-Erosion-and-Stormwater-Mgmt-Program?bId=>

Measurable Goals: Success for this BMP will be measured by the annual evaluation of the ESM ordinance, coordinating updates to the supporting documents, and the continued compliance of the ordinance with the VESMP.

- The aforementioned documents are in the MS4 Program Plan and can be accessed on the County's website at
<https://www.roanokecountyva.gov/DocumentCenter/Index/2166>

TMDL Consistency: The Erosion and Stormwater Management (ESM) Ordinance targets the reduction of sediment and other pollutants in stormwater runoff from construction sites. It requires the installation of onsite control measures to ensure compliance under local law. (SED)

Evaluation and Modification: The Town and Roanoke County believe that the County's legal authorities listed above, and especially the ESM Ordinance, are critical components to meet the MS4 Permit requirements and aid in reducing sediment and other pollutants carried by stormwater runoff from construction activities into the MS4. The ESM Ordinance was revised on July 8, 2025, to incorporate new lot drainage requirements and expanded steep slope requirements.

BMP 4-2. Site Plan Review

Goal: The goal of this BMP is to conduct plan reviews for proposed construction projects to ensure their compliance with the Virginia Erosion and Stormwater Management Program (VESMP) requirements, ensuring proper erosion and sediment controls and stormwater management devices, including their maintenance provisions, are shown on the plan.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services.

Schedule: Roanoke County reviews construction plans to ensure their compliance with the Virginia Erosion and Stormwater Management Program (VESMP) requirements. The County will update its land development procedures and other supporting documents, as needed, to remain consistent with the state program.

Measurable Goals: Success for this BMP will be measured by the Town's/County's annual evaluation of the land development procedures and other supporting documents and its documentation of the number of plans approved within the reporting period.

- The Town agrees with the County's statement "Roanoke County finds its land development procedures and other supporting documents to be effective. No changes are currently proposed."
- Any construction and/or land disturbance activities within the Town Limits will require the issuance of a Town's zoning permit through the Town Planning and Zoning Department since the Town has a separate zoning law. The Town Planning and Zoning Department is informed by the County Department of Development Services that an applicant has applied for a building permit which will involve ESC plan reviews by the County, through Roanoke County instead of coming to the Town Planning and Zoning Department. Additionally, the Planning and Zoning Department keeps track of the building permits issued by the County Department of Development Services the County's Citywork's application.
- For a summary of the plans that have been reviewed by Roanoke County's Department of Development Services and the Town's Planning and Zoning Department where applicable for Permit Year 2 (2024-2025), see the next page.



County of Roanoke

DEPARTMENT OF DEVELOPMENT SERVICES

AGREEMENT IN LIEU OF AN EROSION & SEDIMENT CONTROL PLAN

Owner Name:	Phone Number:
Email Address*:	
Project Name/Address:	
Tax Parcel ID #:	Est. Land Disturbance Amount (sq. ft.):
Responsible Land Disturber (RLD) Information (Applicable if disturbance is ≥ 5,000 square feet)	
Name:	Phone Number:
Address:	Email Address:
RLD Certification Number:	RLD Certification Expiration Date:

Would the General Contractor like to receive Erosion & Sediment Control Inspection reports? Yes No
If yes, please provide name and email here: _____

In lieu of submission of an Erosion and Sediment Control Plan for land-disturbing activities associated with the construction of a single family residential structure, or for land-disturbing activities for other types of development that disturb less than 10,000 square feet, I agree to comply with reasonable requirements determined necessary by the County of Roanoke. Such requirements shall be based on the conservation standards contained in the County of Roanoke's Erosion and Sediment Control Ordinance, and shall represent the minimum practices necessary to provide adequate control of erosion and sedimentation on or resulting from this project.

At a minimum, sediment shall be contained on the site by adequate perimeter controls, and all disturbed areas shall be stabilized within seven (7) calendar days of final grading with permanent vegetation or a protective ground cover suitable for the time of year.

I further understand that failure to comply with such requirements within three (3) working days following notice by the County of Roanoke may result in a citation for violation of the County of Roanoke's Erosion and Sediment Control Ordinance. The County of Roanoke may also require that an engineered site plan be submitted to correct the violations.

Owner Signature: _____ Date: _____

Approved By: _____ Date: _____

*If owner does not have an email address, please provide mailing address.

Rev 02-03-2024

Roanoke County staff issued 143 Agreements-in-lieu of a plan in Permit Year 2 (2024 – 2025).



- Roanoke County Staff reviewed 48 ESC plans including two that are located within the Town of Vinton in Permit Year 2 (2024-2025)

Permit Year	# of ESC Plan Reviews	# of VSMP Plan Reviews	# of Agreement-in-lieu-of ESC Plans	# of Agreement-in-lieu-of SWM Plans
2023 – 2024 (Year 1)	23 SFR 0 TOV; 23 ROCO 12 Commercial 3 TOV; 9 ROCO	2 SFR 0 TOV; 2 ROCO 21 Commercial 2 TOV; 19 ROCO	88 SFR 3 TOV; 85 ROCO 38 Commercial 5 TOV; 33 ROCO	24 SFR 0 TOV; 24 ROCO
2024 – 2025 (Year 2)	36 SFR 1 TOV; 35 ROCO 12 Commercial 1 TOV; 11 ROCO	2 SFR 1 TOV; 19 ROCO 19 Commercial 1 TOV; 18 ROCO	72 SFR 7 TOV; 65 ROCO 35 Commercial 2 TOV; 33 ROCO	36 SFR 0 TOV; 36 ROCO

Note: TOV – Town of Vinton ROCO – Roanoke County

SFR – Single-Family Residential

Town of Vinton Zoning Permit Issued by the Town of Vinton and Building Permits Issued/ESC/VSMP Plans Reviewed by Roanoke County for Year 2 Reporting Period
July 1, 2024 – June 30, 2025

TMDL Consistency: Conducting plan reviews for VESMP compliance helps to ensure that active construction projects minimize sediment and other pollutants in their stormwater runoff. Both ordinances require the installation of onsite control measures to control pollutants. (SED)

Evaluation and Modification: The Town of Vinton and Roanoke County believe that ESC and VSMP plan reviews are critical components to aid in reducing sediment and other pollutants carried by stormwater runoff from construction activities into its MS4. No modifications are planned for this BMP.

BMP 4-3. Site Inspections

Goal: The goal of this BMP is to maintain and implement written inspection procedures to ensure compliance with the Virginia Erosion and Stormwater Management Program (VESMP) requirements and to ensure that onsite erosion and sediment controls are properly implemented and maintained.

Further, Roanoke County will require implementation of appropriate controls to prevent non-stormwater discharges to the MS4, such as wastewater, concrete washout, fuels and oils, and other illicit discharges identified during land disturbing activity inspections. Non-stormwater discharges through the MS4, other than those identified in 9VAC25-890-20 D, are NOT authorized by the MS4 Permit.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services since the County is the Town's Erosion Sediment Control (ESC) Administrator beginning February 14, 1984.

On April 5, 2016, through a resolution, a Memorandum of Understanding (MOU) agreement was entered between the County of Roanoke Board of Supervisors and the Vinton Town Council for the County to continue to administer the Virginia Erosion and Sediment Control Program (VSCP) and to administer the Virginia Stormwater Management Program (VSMP) for the Town of Vinton

On September 17, 2024, the Vinton Town Council adopted Roanoke County's ESM ordinance and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

Schedule: Roanoke County maintains and implements site inspection procedures to comply with the VESMP. The County will update these procedures and supporting documents, as necessary, to remain consistent with the program, as they relate to construction site stormwater runoff. In addition, the County conducts inspections pursuant to its Alternate Inspection Schedule, as approved by DEQ.

Measurable Goals: Success for this BMP will be measured by the annual evaluation of the written VESMP site inspection procedures and the number of inspections conducted.

Permit Year	Total # of ESC Inspections	Total # of VSMP Inspections
2023 – 2024 (Year 1)	1,547 SFR 46 TOV; 1,501 ROCO 834 Commercial 25 TOV; 809 ROCO	109 SFR 2 TOV; 107 ROCO 107 Commercial 3 TOV; 104 ROCO
2024 – 2025 (Year Two)	1,264 SFR 55 TOV; 1,209 ROCO 743 Commercial 87 TOV; 656 ROCO	111 SFR 2 TOV; 109 ROCO 153 Commercial 10 TOV; 143 ROCO

Note: TOV – Town of Vinton ROCO – Roanoke County

SFR – Single-Family Residential

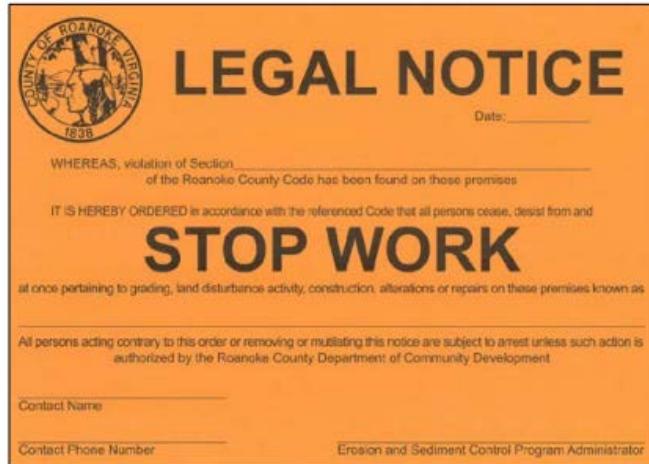
TMDL Consistency: Conducting ESC and VSMP site inspections of construction activities helps to ensure that the required controls, as shown on the approved plan, are implemented and properly maintained in the field; such controls help reduce sediment in stormwater runoff from construction sites. (SED)

Evaluation and Modification: The Town of Vinton and Roanoke County believe that conducting ESC and VSMP site inspections against written procedures and approved plans helps to reduce sediment and pollutants in stormwater runoff during land-disturbing activities. No modifications are planned for this BMP.

BMP 4-4. Compliance and Enforcement

Goal: The goal of this BMP is to maintain and implement written procedures for requiring compliance on active construction sites through corrective action or enforcement action in accordance with the Virginia Erosion and Stormwater Management Program (VESMP) requirements.

Responsible Party: The Town's Planning and Zoning Department in cooperation with the County's Department of Development Services.



- Roanoke County's Department of Development Services has the overall responsibility to implement the County's Erosion and Stormwater Management (VESM) program to assure compliance with the VESMP, which includes conducting plan reviews, site inspections, compliance/enforcement activities, and project permitting.
- The County Attorney's office provides support to the County's Department of Development Services during compliance/enforcement actions, as necessary.

Schedule: Roanoke County implements compliance and enforcement procedures to assure compliance with the VESMP on active construction sites. The County will revise its written compliance/enforcement procedures, as needed.

Measurable Goals: Success for this BMP will be measured by the annual evaluation of the VESMP compliance/enforcement procedures and documentation of the total number and type of compliance/enforcement actions implemented.

- The Town finds Roanoke County's written VESMP compliance and enforcement procedures and other supporting documents to be effective. With the recent consolidation of the erosion and sediment control programs, no further changes are currently proposed.
- A summary of the County's enforcement actions taken for this reporting period, including the number and type of enforcement actions, is shown below; and the supporting data is included on Roanoke County's MS4 compact disk under the folder titled **BMP 4-4**.

Year	# of ENFORCEMENT ACTIONS			
	Notice to Comply (NTC)	Stop Work Order (SWO)	Notice of Permit Requirement (NOP)	Civil Penalty (Summons)
2023 – 2024 (Year 1)	26 24 ROCO, 2 TOV	23 23 ROCO, 0 TOV	3 3 ROCO; 0 TOV	1 1 ROCO, 0 TOV
2024 – 2025 (Year 2)	18 17 ROCO, 1 TOV	20 20 ROCO, 0 TOV	9 8 ROCO; 1 TOV	7 7 ROCO, 0 TOV

NOTE:

TOV – Town of Vinton ROCO – Roanoke County

TMDL Consistency: Conducting ESC and VSMP compliance and enforcement activities helps to ensure that active construction projects minimize sediment and other pollutants in their stormwater runoff. (SED)

Evaluation and Modification: The Town of Vinton and Roanoke County believe that ESC and VSMP compliance and enforcement activities are critical components to aid in reducing sediment and other pollutants carried by stormwater runoff from construction activities into its MS4. No modifications are planned for this BMP.

BMP 4-5. Employee and Contractor Certification (Revised)

Goal: The goal of this BMP is to ensure that employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators shall obtain the appropriate certifications as required under the Virginia Erosion and Stormwater Management Program (VESMP).

In addition, employees who oversee the performance of regulated land disturbance activities conducted by the County will have the qualifications to properly implement erosion and sediment control measures and will be DEQ-certified as Responsible Land Disturbers in accordance with the VESMP and as Qualified Personnel (QP) in accordance with Virginia's Construction General Permit.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services.

Schedule: Roanoke County requires employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators to obtain the appropriate certifications as required under the VESMP. Employees who oversee the performance of regulated land disturbance activities conducted by the County will be DEQ-certified as Responsible Land Disturbers (RLD) and as Qualified Personnel pursuant to the new CGP requirements

ROANOKECOUNTY's EMPLOYEE	CERTIFICATION TYPE	CERTIFICATION #	EXPIRATION DATE
Jeff Altice	RLD	RLD2150239411	4-28-2028
Dalton Hughes	RLD	RLD32628	6-7-2028
Nathan Wimmer	RLD	RLD32702	6-14-2028
Jeff Altice	QP (EPA CGP Site Inspector)	N/A	5-17-2027
Dalton Hughes	QP (EPA CGP Site Inspector)	N/A	5-17-2027
Nathan Wimmer	QP (EPA CGP Site Inspector)	N/A	5-17-2027

Measurable Goals: Success for this BMP will be measured by maintenance of the Responsible Land Disturber certification for the applicable employees and by maintenance of pertinent certifications for employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators. For other staff certifications, see Roanoke County's folder in the Appendix titled BMP 4-5.

TMDL Consistency: Requiring employees that have responsibility to oversee the performance of regulated land disturbance activities to have the qualifications to properly implement erosion and sediment control measures helps to minimize the amount of sediment that leaves the construction site and thereby minimizes the potential of sedimentation in receiving waters. (SED)

Evaluation and Modification: Roanoke County will continue to require specific personnel to hold the proper RLD certification and other applicable certifications. No modifications are planned for this BMP.

MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT FOR NEW DEVELOPMENT AND DEVELOPMENT ON PRIOR-DEVELOPED LANDS

*** The implementation of this MCM and its associated BMPs is the responsibility of Roanoke County Department of Development Services in conjunction with the Town of Vinton Planning and Zoning Department.**

The Town of Vinton and Roanoke County recognize that addressing water quality in post construction runoff is an important way to prevent deposition of sediment and other pollutants into our streams and river.

The County became the Town's VSMP administrator as of June 1, 2016, with the approval of the State Water Control Board, as indicated in the DEQ correspondence dated May 27, 2016.

On September 17, 2024, the Vinton Town Council adopted Roanoke County's ESM ordinance and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

The programs that have been established by the County and supported by the Town to meet this MCM measure are listed below, as amended to correspond with the County's BMPs.

The goal of this minimum control measure is to address post-construction stormwater runoff that enters the Town's MS4 by implementing a post-construction stormwater runoff management program, which includes maintenance and inspection requirements, to comply with the Virginia Erosion and Stormwater Management Program (VESMP). The BMPs that will be used to satisfy this minimum control measure are listed below:

BMP 5-1. Stormwater Management Legal Authorities

Roanoke County utilizes certain legal authorities to comply with Virginia's Erosion and Stormwater Management Program (VESMP) Regulations.

BMP 5-2. Inspections for Post-Construction Stormwater Management Facilities

Roanoke County maintains and implements written inspection and maintenance procedures for post-construction stormwater management facilities (SWMFs) that discharge to the MS4 (both public and private) to ensure their adequate long-term operation and maintenance pursuant to the VESMP requirements.

BMP 5-3. Stormwater Management Facility Tracking

Roanoke County maintains and implements an electronic database or spreadsheet of all known County-owned and privately-owned stormwater management facilities that discharge into the MS4.

BMP 5-4. Strategies to Encourage Long-Term Maintenance of Stormwater Control Measures on Single Family Residential Lots

Roanoke County implements strategies to promote the long-term maintenance of stormwater control measures that are designed to treat stormwater runoff solely from the individual single family residential lot. These strategies are used in lieu of recorded maintenance agreements and post-construction inspections by the County.

BMP 5-5. Storm Sewer System Maintenance

Town of Vinton implements a program to maintain and repair its storm sewer system within its MS4 program area. Such maintenance helps to keep the system working as designed, which minimizes the risk of surcharging and overflows; it also helps to minimize street flooding associated with clogged inlet structures and conveyances.

This report as provided by Roanoke County Stormwater Program Manager provides a detailed description of the goals of each BMP, the status of the Town of Vinton's/Roanoke County's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the overall MS4s Program goals. In addition, strategies to ensure consistency with local TMDLs are also provided, and they are broken down by impairment type: Escherichia coli (*E. coli*) bacteria (EC), sediment (SED), or Polychlorinated biphenyls (PCBs). The Polychlorinated biphenyls (PCBs) TMDL is only applicable to Roanoke County.

BMP 5-1. Stormwater Management Legal Authorities

The County became the Town's VSMP administrator as of June 1, 2016, with the approval of the State Water Control Board, as indicated in the DEQ correspondence dated May 27, 2016.

On September 17, 2024, the Vinton Town Council adopted Roanoke County's ESM ordinance and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

Goal: The goal of this BMP is to maintain and use certain legal authorities to comply with Virginia's Stormwater Management Act and Stormwater Management Program (VSMP) Regulations, as it relates to post-construction stormwater management facilities. The County uses the following legal authorities:

- **Roanoke County's Erosion and Stormwater Management ordinance was adopted on August 1, 2024.** The purpose of the ordinance is to integrate the County of Roanoke's stormwater management (SWM) requirements with its erosion and sediment control (ESC) requirements to establish a consolidated program consistent with the Virginia Erosion and Stormwater Management Program (VESMP). The purpose of this ordinance is to ensure the general health, safety, and welfare of its citizens to protect the quality and quantity of state waters from the potential harm of unmanaged stormwater and soil erosion, including protection from land disturbing activities causing unreasonable degradation of properties, water quality, stream channels, steep slopes, and other natural resources, and to establish procedures whereby stormwater requirements related to water quality and quantity shall be administered and enforced.
 - The ordinance requires ESC controls for all regulated land disturbances of 2,500 square feet or more and an engineered ESC Plan for any land disturbance greater than 10,000 square feet. The ESC Plan must provide for the implementation of appropriate erosion and sediment controls, to include their proper placement, design, and maintenance requirements. The ordinance includes site inspection and compliance/enforcement procedures for erosion and sediment control.
 - The ordinance requires an SWM plan or an Agreement-in-lieu-of a Stormwater Management Plan for all regulated construction activities that disturb 1 acre or greater. The ordinance includes site inspection and compliance/enforcement procedures for active construction and post-construction stormwater management facilities

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Stormwater Program Manager of the Department of Development Services.

- Roanoke County Department of Development Services has the overall responsibility of implementing the County's ESM Ordinance.
- The County Attorney's office provides support to the County's Department of Development Services during compliance/enforcement actions, as necessary.

Schedule: Roanoke County implements an ESM ordinance to comply with Virginia Erosion and Stormwater Management Program (VESMP) Regulations. The County will update this ordinance and the supporting documents, as necessary, to remain consistent with VESMP.

Measurable Goals: Success for this BMP will be measured by an annual evaluation of the ESM Ordinance.

- Roanoke County in partnership with the Town of Vinton has retired its Stormwater Management and Erosion and Sediment Control Ordinances and replace them with the new consolidated Erosion and Stormwater Management Ordinance, which became effective on August 1, 2024. This change was necessary to align with the recently adopted Virginia Erosion and Stormwater Management Regulation (9VAC25-875), which effective date of July 1, 2024.
- Roanoke County adopted new lot drainage, surveying, and expanded steep slopes requirements, which became effective on July 8, 2025.
- Roanoke County's new ESM Ordinance is posted on the County's website at: [070924-3-E1-Ordinance---Amending-Ch-81-Repeal-Ch-23-Create-Consolidated-Erosion-and-Stormwater-Mgmt-Program \(roanokecountyva.gov\)](http://070924-3-E1-Ordinance---Amending-Ch-81-Repeal-Ch-23-Create-Consolidated-Erosion-and-Stormwater-Mgmt-Program (roanokecountyva.gov))

TMDL Consistency: The County's Erosion and Stormwater Management Ordinance requires the property owner to provide for the maintenance and repair of their stormwater structures and stormwater management facilities. This helps to ensure that such structures and facilities operate properly, which in turn helps to minimize sediment and bacteria in stormwater runoff from such facilities. (SED & EC)

Evaluation and Modification: The County's Erosion and Stormwater Management Ordinance is an effective means to achieve compliance. The ordinance provides the necessary enforcement options to ensure that property owners provide for the maintenance and repair of their stormwater structures and stormwater management facilities. Modifications are not currently planned for this BMP.

BMP 5-2. Post-Construction Inspections for Existing Stormwater Management Facilities

The County became the Town's VSMP administrator as of June 1, 2016, with the approval of the State Water Control Board, as indicated in the DEQ correspondence dated May 27, 2016.

On September 17, 2024, the Vinton Town Council adopted Roanoke County's ESM ordinance and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

Goal: The goal of this BMP is to develop and implement written inspection and maintenance procedures for both publicly owned (Town of Vinton and Roanoke County) and privately owned post construction stormwater management (SWM) facilities to provide for the long-term operation and maintenance requirements pursuant to the Virginia Erosion and Stormwater Management Program (VESMP) requirements.

Inspections will be conducted as follows:

- Town-owned and County-owned SWM facilities will be annually inspected.
 - When it is determined that maintenance is required during inspections of Town-owned by Roanoke County's Inspector; the Town's Public Works Department will conduct the maintenance in accordance with its written procedures provided by Roanoke County.
- The County will inspect all privately-owned SWM facilities that discharge into the MS4 once every 5 years. In addition, the County will:
 - Ensure adequate long-term operation and maintenance by the owner of the stormwater management facility by requiring the owner to develop and record a maintenance agreement, including an inspection schedule to the extent allowable under state or local law or other legal mechanism.
 - Utilize its legal authority for enforcement of the maintenance responsibilities if maintenance is neglected by the owner.
 - Implement a progressive compliance and enforcement strategy, which is included in this MS4 Program Plan.
 - The County may utilize the inspection reports provided by the owner of a stormwater management facility as part of its inspection and enforcement program.

Responsible Party: The Town Planning and Zoning Department in cooperation with Roanoke County Department of Development Services. The County's Department of Development Services, with assistance from the County Attorney's office during compliance/enforcement actions, as needed.

- Note that the Town of Vinton relies on Roanoke County's Department of Development Services to conduct inspections of the privately-owned SWM facilities and the Town-owned SWMFs. The Town Public Works Department conducts maintenance and will be responsible for any needed repair for the Town-owned SWMFs.

Schedule: Roanoke County as the Town's VESMP Administrator, maintains and implements written inspection and maintenance procedures to ensure adequate long-term operation and maintenance of post-construction stormwater management facilities. The County will update these procedures and supporting documents, as necessary, to remain consistent with the VESMP.

Measurable Goals: Success for this BMP will be measured by the annual evaluation of the written post-construction inspection procedures and completion of the required post-construction inspections.

- The Town agrees that Roanoke County's post-construction stormwater management facility inspection/maintenance and compliance/enforcement procedures to be effective at this time. No changes are currently proposed.

In addition, as required by the MS4 Permit, Roanoke County's report contains the following information:

- The number of privately-owned SWMF inspections conducted. (See **Table 5-2.**)
 - A description of the significant maintenance, repair, or retrofit activities performed on the SWMFs owned or operated by Roanoke County, Town of Vinton, and RCPS to enable them to continue to function as designed. (This does not include routine activities such as grass mowing or trash collection.)
 - During this permit year, Roanoke County inspected all of its public-owned SWMFs and conducted routine maintenance, where needed. See folder titled **BMP 5-2** in the Appendix for inspection results for each public facility.
 - During this permit year, Roanoke County inspected all SWMFs owned/operated by Roanoke County Public Schools (RCPS). There are two RCPS SWMFs located within the Town Limits; Herman L. Horn ES and W.E. Cundiff ES. RCPS only conducted routine maintenance and repairs, where needed. See Roanoke County folder titled BMP 5-2 in the Appendix for inspection results for each RCPS facility.

- During this permit year, Roanoke County inspected all SWMFs owned/operated by the Town of Vinton (TOV). The TOV conducted routine maintenance, where needed. See the folder titled BMP 5-2 in the Appendix for inspection results for each TOV facility.

Table 5-2 SWMF Inspection Summary

Permit Year	Private SWMFs			Public BMPs (Owned by County or RCPS)	
	Total #	# Inspected	# of Enforcement Actions	Total #	# Inspected
2023 – 2024 (Year 1)	705 663 ROCO 42 TOV	320 291 ROCO 29 TOV	0	87 34 ROCO 49 RCPS 4 TOV	87 34 ROCO 49 RCPS 4 TOV
2024 – 2025 (Year 2)	719 679 ROCO 40 TOV	243 231 ROCO 12 TOV	2 2 ROCO; 0 TOV	89 36 ROCO 49 RCPS 4 TOV	89 39 ROCO 49 RCPS 4 TOV

Note: TOV – Town of Vinton; ROCO – Roanoke County; RCPS – Roanoke County Public Schools

- The Town's Public Works personnel conducted routine maintenance and performed the needed issues as noted in the inspection reports. The inspection reports for each of the Town-owned BMPs are attached.
 - Vinton Public Works personnel will continue to: (1) perform any needed mowing of the stormwater management facilities (2) maintaining the embankment to keep woody plants off of the embankment; (3) Keeping the low flow outlet clear of debris; and (4) removing the woody bushes that were growing close to the low flow outlet.
 - Vinton Public Works personnel have and will continue to work on the town-owned BMPs to address the deficiencies listed on the 2/28/2025 inspection reports.

Town of Vinton/Public-Owned Best Management Facilities (BMP)

BMP Name	BMP Type	Date of Inspection	Status	Maintenance Needed	Remarks
Glade town/Craig Ave. Recreational Center	Detention Basin	2/28/2025	Non-Compliant Budget constraints prevent the completion of the required repairs by the end of this permit year (June 30, 2025)	Please see attached report.	Reinspection 6/30/2025
Hardy Road # 1, 1255 Hardy Road	Detention Basin	2/28/2025	Non-Compliant Budget constraints prevent the completion of the required repairs by the end of this permit year (June 30, 2025)	Please see attached report.	Reinspection on 6/30/2025
Hardy Road # 2, 1255 Hardy Road	Detention Basin	2/28/2025	In Compliance	Please see attached report.	Reinspection on 1/1/2026
Vinton War Memorial	Detention Basin	2/28/2025	Non-Compliant Budget constraints prevent the completion of the required repairs by the end of this permit year (June 30, 2025)	Please see attached report.	Reinspection on 6/30/54

Note: Vinton Public Works personnel are continuing to work on the three Town-owned BMP sites in order to bring them into full compliance

TMDL Consistency: This BMP ensures that all permanent stormwater management facilities (SWMFs) are adequately maintained and properly functioning, which is critical for flood protection and erosion prevention. (SED)

Evaluation and Modification: The Town and Roanoke County believe that inspecting permanent stormwater management facilities is a critical component in reducing pollutants in and reducing volume and velocity of stormwater runoff from developed sites. No modifications are planned for this BMP.

BMP 5-3. Stormwater Management Facility Tracking

The County became the Town's VSMP administrator as of June 1, 2016, with the approval of the State Water Control Board, as indicated in the DEQ correspondence dated May 27, 2016.

On September 17, 2024, the Vinton Town Council adopted Roanoke County's ESM ordinance and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

Goal: The goal of this BMP is to maintain an electronic database or spreadsheet of all known Town-owned, County-owned, and privately-owned stormwater management facilities that discharge into the MS4. Please see the attached table of the Stormwater Management Facilities that are located within the Town of Vinton. This spreadsheet is also available online through Roanoke County's website in the "Quick Links" section of the following webpage:

<https://www.roanokecountyva.gov/1755/Stormwater-MS4-Permit> or
<https://www.roanokecountyva.gov/DocumentCenter/Index/1950>.

The Town/County's database includes the following information, as applicable:

- The SWMF type
- The SWMF location (latitude and longitude)
- The 6th Order Hydrologic Unit Code in which the SWMF is located
- The acres treated by the SWMF, including total acres, impervious acres, and pervious acres
- The date the SWMF was brought online (MM/YYYY). If the date brought online is not known, the County will use June 30, 2005
- Indication as to whether the SWMF is owned by the County or privately-owned
 - If the stormwater management facility is privately-owned, whether a maintenance agreement exists
- Indication as to whether the SWMF is part of Roanoke County's local TMDL action plans
- The date of Roanoke County's most recent inspection of the SWMF

Responsible Party: The Town Planning and Zoning Department in cooperation with Roanoke County Department of Development Services, with the assistance of the County's Department of Communications and Information Technology (Commit).

Schedule:

- The electronic database or spreadsheet of all known Town-owned, County-owned and privately-owned SWMFs that discharge into the MS4 will be updated no later than 30 days after (1) a new SWMF is brought online, (2) a new BMP is implemented to meet a TMDL load reduction, or (3) after discovery of an existing SWMF.
- Roanoke County will use the Virginia Construction Stormwater General Permit database for those land disturbing activities for which it was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part III.B.1. of the MS4 permit or a statement that the County did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities (9VAC25-880).
- No later than October 1 of each year, Roanoke County will electronically report all other SWMFs and BMPs implemented between July 1 and June 30 of each year using the DEQ BMP Warehouse and associated reporting template.

Measurable Goals: Success for this BMP will be measured by updating of the electronic database or spreadsheet and by submitting SWMF information to DEQ through the Virginia Construction Stormwater General Permit database and the DEQ BMP Warehouse, as described above.

- This spreadsheet that is prepared by Roanoke County Department of Development Series available online in the “Quick Links” section of the following webpage: <https://www.roanokecountyva.gov/1755/Stormwater-MS4-Permit>
- Roanoke County confirms that it submitted SWMF information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for which the County was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part III B 1 of the MS4 permit (9VAC25-880).
 - Roanoke County enters new SWMF information in the DEQ Construction General Permit tracking system when the Notice of Termination for the associated project is entered to initiate project closeout.
 - W.E. Cundiff Elementary School that is owned by Roanoke County Public School is located within the Town Limits, as listed in the table below requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities for the reporting period of July 1, 2024 – June 30, 2025.

County-Owned Projects with VSMP Permit Activity	
PROJECT	VSMP Permit
East Roanoke River Greenway, Connector	VAR10S845, issued 8/10/2023; reissued 7/1/2024
East Roanoke River Greenway Extension	VAR10S849, issued 8/10/2023; reissued 7/1/2024
Explore Park	VAR10L212 issued 7/6/18; reissued 8/29/2019 and 7/1/24
Glen Cove Elementary School Additions and Renovations	VAR10U287, issued 7/25/2024
Mudlick Creek-Cantor Drive Stream Restoration	VAR10U425, issued 8/28/2024
Roanoke County CTE	VAR10T548, issued 2/15/24; reissued 7/1/24
Roanoke County Kessler Mill Stormwater Storage Lot	VAR10O363, issued 7/1/19; reissued 7/1/24
ROCO Outdoor Equipment Storage	VAR10V471, issued 5/2/2025
Roanoke River Greenway through Explore Park	VAR10S850, issued 8/10/2023; reissued 7/1/2024
W.E. Cundiff Elementary School Additions and Renovations	VAR10U285, issued 7/25/2024
West Roanoke River Greenway, Phase 1	VAR10S851, issued 8/10/2023; reissued 7/1/2024
William Byrd Renovations and Additions	VAR10R162, issued 5/19/22; reissued 7/1/24; Notice of Termination submitted 10/3/2024
Wolf Creek Stream Restoration, Phase 2	VAR10R827, issued 4/6/2023; reissued 7/1/2024

- Roanoke County confirms that it electronically reports SWMFs using the DEQ BMP Warehouse in accordance with Part III.B.1. and B.2. of the MS4 Permit.
- Roanoke County confirms that it electronically reports SWMFs inspected using the DEQ BMP Warehouse in accordance with Part III.B.5. of the MS4 Permit.

HUC	#	Acres Treated
030101010301 (RU09)	2	10.76
030101010402 (RU12)	2	13.96
030101010404 (RU13)	1	2.65
TOTAL	5	27.37

New Stormwater Facilities Brought Online

TMDL Consistency: Tracking permanent SWMFs helps to ensure that all permanent stormwater management facilities are inspected, adequately maintained, and properly functioning, which is critical for flood protection and erosion prevention. (SED)

Evaluation and Modification: The Town of Vinton and Roanoke County believe that tracking permanent SWMFs helps to ensure that these facilities are routinely inspected, adequately maintained, and properly functioning, which is critical for flood protection and erosion prevention. No modifications are planned for this BMP.

BMP 5-4. Strategies to Encourage Long-Term Maintenance of Stormwater Control Measures on Single-Family Residential Lots

The County became the Town's VSMP administrator as of June 1, 2016, with the approval of the State Water Control Board, as indicated in the DEQ correspondence dated May 27, 2016.

On September 17, 2024, the Vinton Town Council adopted Roanoke County's ESM ordinance and adopted a resolution to enter a Memorandum of Understanding for Roanoke County to be the Town's Virginia Erosion and Stormwater Management Program (VESMP) Authority.

Goal: The goal of this BMP is to implement strategies to promote the long-term maintenance of stormwater control measures that are intended to treat stormwater runoff solely from the individual single family residential (SFR) lot. These strategies will be used to replace recorded maintenance agreements and post-construction inspections by Roanoke County.

Responsible Party: The Town Planning and Zoning Department in cooperation with Roanoke County Department of Development Services.

Schedule: Roanoke County implements various strategies to promote the long-term maintenance of stormwater control measures to treat runoff from SFR structures. The County will update these strategies, as necessary, to remain consistent with Virginia's VESMP program.

Measurable Goals: Success for this BMP will be measured by tracking the number of new residential lots covered by the strategies, proper implementation of the strategies, and evaluating the effectiveness of the strategies in promoting the long-term maintenance of stormwater control measures.

- See Roanoke County MS4 Annual Permit folder titled BMP 5-4 in the Appendix for a list of the 36 new SFRs covered by the strategies, which include
 - Directing stormwater runoff from rooftops as non-erosive sheet flow to well-vegetated areas on the property to the maximum extent practicable
 - Directing stormwater runoff from impervious surfaces (e.g., driveways, parking areas, sidewalks) as non-erosive sheet flow to well-vegetated areas on the property to the maximum extent practicable, and
 - Directing stormwater runoff from lawns as non-erosive sheet flow to undisturbed naturally vegetated areas on the property to the maximum extent practicable.
-

- For Year Two reporting, there were four In-lieu agreements issued for single-family building constructions; one ESC permit for single-family building construction; and ESC/VSMP permits issued for residential subdivision plan development (Wyndham Woods Subdivision), as shown in the table below.

Permit for Single-Family Homes Issued Date	Owner/Contractor	Address	Type of Single-Family
9/4/2024 – In-lieu of	Moore Contracting LLC	321 Craig Avenue	New SFR
9/17/2024 – In-lieu of	WCB LTD	1637 Meadows Road	New SFR
10/15/2024 – In-lieu of	Cook/Roanoke Home & Renovations	216 Franklin Road	New SFR
11/13/2024 – ESC Plan	Stokes/Bohon Construction Co. Inc.	1030 Hallihurst Avenue	New SFR
5/12/2025	One Level Development, LLC	700 Ruddell Road	New SFR

- Roanoke County's Fact Sheet entitled "Tips for Homeowners: Stormwater Best Practices" provides strategies and maintenance tips for residential stormwater practices. The County has used the information from the Fact Sheet in several issues of the annual newsletter entitled Stormwater Guide for Homeowners. A direct link to the Fact Sheet is provided here:

<https://www.roanokecountyva.gov/DocumentCenter/View/7072/SW-Tips-for-Homeowners-?bidId=>

The newsletters are posted here:

<https://www.roanokecountyva.gov/1648/Stormwater-Public-Education-Documents>

Tips for Homeowners

Stormwater Best Practices

Introduction

The County of Roanoke has a Municipal Separate Storm Sewer System (MS4) program to protect and improve water quality in its receiving waters, which includes the Roanoke River and all of its tributaries. Currently, many of these waters are impaired due to excess levels of sediment, bacteria, and PCBs.

Many pollutants from lawns, such as leaf and grass clippings, sediment from bare lawn areas, and nutrients from fertilizers end up in the storm drain system where they are carried - UNTREATED - to the nearest receiving waters.

Also, new paved surfaces like rooftops, driveways, and sidewalks associated with the construction of new homes and businesses cause an increase in the volume and velocity of stormwater runoff, because rainwater cannot percolate through such hard surfaces. The result: more flooding and erosion damage on neighboring properties and in local creeks, streams, and rivers.

As part of the County's efforts to protect and improve its local waters, like the Roanoke River, business owners and residents alike are being asked to take a proactive part in protecting water quality and to become part of the bigger effort to clean up these waterways.

By following just a few Best Management Practices (BMPs) on your residential lot, you can make a difference in the quality of stormwater runoff and the receiving waters into which it drains and still have a beautiful new home, complete with a lush, green lawn.

Minimize Stormwater Runoff

To help slow down and decrease the volume of runoff from your property, consider implementing one or more of the following:

- Minimize paved areas.
- Mulch all flower beds.
- Build a rain garden planted with ornamentals.
- Keep lawn areas thick and healthy.
- Convert concentrated runoff from downspouts to sheet flow by directing it to well-vegetated areas, not pavement.
- Where feasible, grade lots to drain toward undisturbed, naturally-vegetated areas, like woods or meadows.

Maintain and Enhance Natural Waterways

- Avoid clearing, grading, and fertilizing directly adjacent to waterways.
- Avoid dumping grass clippings and leaves into waterways, storm drains, curb and gutter systems, ditches, and detention ponds.
- Plant native vegetation along drainage ways to prevent erosion.

Reuse / Re-direct Rainwater

- Install rain barrels attached to roof downspouts to capture rain for later use to water lawns, gardens, trees, shrubs, and other plants.
- Reusing rainwater decreases the amount of stormwater, nutrients, sediment, and other pollutants that eventually flow to local creeks, streams, and rivers.
- Direct runoff from rooftops, concrete, asphalt, and other impervious areas to lawn areas, instead of into storm drains, to minimize runoff and enhance groundwater recharge.



RAIN BARREL
PHOTO SOURCE: <http://www.epa.gov>

Utilize Proper Erosion and Sediment (E&S) Controls for Residential Land-Disturbing Projects

- Sediment from erosion clouds waterways, preventing the growth of aquatic grasses; this adversely affects all other life in such waters.
- Mudlick Creek, Mason Creek, and the Roanoke River are all currently impaired due to sediment. Without use of proper E&S controls for land-disturbing projects, other local waterways may become similarly impaired from excessive sediment.
- Although your landscaping project may not require an Erosion and Sediment Control plan or a land disturbance permit, it is still important to utilize E&S measures to prevent erosion.
- Employ these BMPs to prevent erosion and to protect receiving waters: (1) install silt fence around bare areas, (2) cover dirt or mulch stockpiles when not being used, and (3) install straw mulch or matting over newly seeded areas.

Implement Alternative Lawn Maintenance Practices

- Install grass alternatives like ground cover, plants, shrubs, trees, and perennials to decrease runoff and pollutants, like fertilizer and herbicide, especially in areas with highly erodible soils and steep slopes.
- Utilize slow release fertilizer or till in some compost on lawns.
- Test the soil every year to ensure that the correct amounts of soil amendments are being used.
- Use a Nutrient Management Plan, which is tailor-made for each lawn and details how much fertilizer to use and when to use it.



For questions or more information, contact:
Roanoke County Stormwater Program Manager
540.772.2036
clmkenholcr@roanokecountyva.gov

County of Roanoke - Department of Development Services - Stormwater Management - P. O. Box 29800 - Roanoke, VA 24018
(540) 772-2036

TMDL Consistency: By implementing strategies to promote the long-term maintenance of stormwater control measures that are designed to treat stormwater runoff solely from the individual residential lot, this BMP helps to ensure that such sites are not contributing large volumes of sediment to receiving waters. (SED)

Evaluation and Modification: The Town of Vinton and Roanoke County believe this is an effective BMP to address the maintenance of relatively simple stormwater management practices used on individual single-family residences (SFRs). No modifications are currently planned for this BMP.

BMP 5-5. Storm Sewer System Maintenance

Goal: The goal of this BMP is to actively maintain and repair the Town's storm sewer (i.e., drainage) system in its MS4 program area. Such maintenance helps to keep the system working as designed, which minimizes the risk of surcharge and overflows; it also helps to minimize street flooding associated with clogged inlet structures and conveyances. In addition, the Town of Vinton Public Works Department personnel have the potential to discover illicit connections and observe where pollutants may be entering the regulated storm sewer system.

Responsible Party: The Town's Planning and Zoning Department in cooperation with the Town's Public Works Department.

Schedule: The Town implements and is committed to continuing its storm sewer (drainage) system maintenance program. The number of large stormwater maintenance/repair projects will be documented. In addition, the number of emergency projects and small-scale maintenance/ repair projects completed each year will be tracked.

Measurable Goals: Success for this BMP will be measured by the continuation of this program, and the increase in total value of improvement that has been completed to maintain the storm sewer system.

- The Town's Public Works Department performs a large variety of duties including installation of storm sewer piping and infrastructure, repair of damaged structures, emergency response to flooding problems, storm drain structure cleaning and maintenance. The Planning and Zoning Department's and Roanoke County COMMIT's personnel are responsible with the mapping of the known outfalls and storm drain structures within the Town Limits.
- The maintenance and improvement projects were completed from July 1, 2024, through June 30, 2025, resulting in the following:
 - Total storm drains structures improved: 2
 - Total storm drains structures replaced: 3
 - Small projects completed: 5
 - Total feet of pipe installed: 300 feet
 - Total feet of open/rip/rap channel improved: 80

The following table summarizes the Public Works Department's total expenditures for labor, materials, and equipment to maintain the stormwater system to correct deficiencies. A total of **2,171.25 labor hours** were spent on the storm sewer systems' maintenance and repair. The value of these improvements was estimated to be **\$185,115.57**.

Reporting Period	Work Hours	Total Labor	Materials	Total Equipment	Total Expenditures
2023 - 2024 (Year 1)	2,299.25	\$78,202.60	\$116,765.44	\$70,443.80	\$265,411.84
2024 - 2025 (Year 2)	2,171.25	\$77,635.71	\$50,508.21	\$56,971.65	\$185,115.57

TMDL Consistency: This program is responsible for maintaining the regulated storm sewer system. This includes the improvement of eroding stream banks and channels. This program directly remediates existing areas where sediment is eroding and stabilizes the system, removing the input of sediment to the streams and channels. (SED) This program also increases the potential for discovering illicit connections to the storm drain system. (EC)

Evaluation and Modification: The Town Public Works Department will continue to maintain the Town's storm sewer system to keep the system properly functioning. Such work also provides an opportunity for the Town to discover potential illicit connections to its MS4. No modifications are planned for this BMP.

MCM 6: POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR FACILITIES OWNED OR OPERATED BY THE PERMITTEE WITHIN THE MS4 SERVICE AREA

The goal of this minimum control measure is to implement a Pollution Prevention and Good Housekeeping Program for Town-owned facilities within the MS4 Permit area. The following BMPs will be used to satisfy this minimum control measure:

BMP 6-1. Spill Prevention, Control, and Countermeasures Plan

The Town has developed and will maintain Spill Prevention, Control, and Countermeasures (SPCC) plans for some of its municipal facilities. These plans will be updated, and new plans will be prepared, as needed.

BMP 6-2. Standard Operating Procedures (SOP) for Pollution Prevention and Good Housekeeping

Town of Vinton will develop, maintain and implement written standard operating procedures (SOPs) for Pollution Prevention and Good Housekeeping to cover daily operations and maintenance activities at Town-owned facilities that have a potential of discharging pollutants directly or with stormwater runoff into the MS4. The SOPs will be used in the Town's training activities.

BMP 6-3. Public Street Sweeping and Fall Leaf Collection Programs

The Town has and will continue with its street sweeping and the fall leaf collection programs.

BMP 6-4. Training Programs for Town Employees

The Town of Vinton implements Pollution Prevention and Good Housekeeping training on a biannual basis for applicable Town employees to support the requirements of the MS4 Permit.

BMP 6-5. Stormwater Pollution Prevention Plans (SWPPPs) for Municipal Facilities

Town of Vinton will identify all high-priority facilities that have a high potential to discharge pollutants in stormwater. Stormwater Pollution Prevention Plans (SWPPPs) will be prepared, implemented, and maintained. SWPPPs will be used in training activities.

BMP 6-6. Nutrient Management Plans

The Town of Vinton will ensure that excessive nutrients are not being applied to Town-owned lands by maintaining and implementing turf and landscape nutrient management plans that have been developed by a certified turf and landscape nutrient management planner (in accordance with § 10.1-104.2 of the Code of Virginia) on all lands owned or operated by the Town where nutrients are applied to a contiguous area greater than one acre.

BMP 6-7. Pesticide Applicator Certification

Any employees and Town-hired contractors who apply pesticides and herbicides shall be trained and certified in accordance with the Virginia Pesticide Control Act (§ 3.2-3900 et seq. of the Code of Virginia).

This annual report provides a detailed description of the goals of each BMP, the status of the Town's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the overall MS4 Program goals. In addition, the strategies to ensure consistency with local TMDLs are also provided, and they are broken down by impairment type: *Escherichia coli* (*E. coli*) bacteria (EC), and/or sediment (SED).

BMP 6-1. Spill Prevention, Control, and Countermeasures Plan

Currently there are two facilities that will require for Spill Prevention, Control, and Countermeasures Plan (SPCC) to be in place – the Town's Vehicle Maintenance Facility/Fueling Center. As of July 2019, the Vinton Fire Station was to Roanoke County, therefore the County's Department of Development Services is responsible for the development of the Vinton Fire Station SPCC.

Goal: The goal of this BMP is to develop, maintain, and implement Spill Prevention, Control, and Countermeasure (SPCC) Plans for appropriate municipal facilities, as required by Federal Oil Spills Prevention and Preparedness Regulations (40 CFR Part 112), to help municipal facilities prevent a discharge of oil into navigable waters or adjoining shorelines.

Responsible Party: The Planning and Zoning and Public Works Departments are responsible for developing the Town's Vehicle Maintenance Facility/Fueling Center located at 804 3rd Street. A SWPPP for the facility was completed in June 2015 and amended in 2023. Public Works personnel will be responsible for compliance with SPCC plans.

Schedule: The Town will prepare its SPCC plan for the Town's Vehicle Maintenance Facility/Fueling Center by December 2025. Training will also be provided for those employees who are involved with any Town's SPCC plan.

TMDL Consistency:

This BMP minimizes the potential for oil spills to enter the MS4. Having SPCC Plans will aid in the education of Town employees who work in areas where there is some risk of oil spills. This BMP does not directly address any of the Town's TMDL requirements.

Evaluation and Modification:

SPCC plans are required for facilities per 40 CFR Part 112. The Town finds this to be an effective BMP to assure the proper storage of oil. The Town plans to have a SPCC for its Vehicle Maintenance/Fueling Center in place by December 2025.

BMP 6-2. Standard Operating Procedures (SOPs) for Pollution Prevention and Good Housekeeping

Goal: The Town will develop, maintain, and implement written standard operating procedures (SOPs) for Pollution Prevention and Good Housekeeping to help prevent pollutant discharge from daily operations and maintenance activities at Town-owned facilities that have a potential of discharging pollutants directly or with stormwater runoff into the MS4.

By November 1, 2025, the Town will implement good housekeeping procedures for its anti-icing and deicing agent in accordance with Part I.E. to include implementation of best management practices for anti-icing and deicing agent application, transport, and storage. (MCM 6 Part I.E.6.b.(1)(b))

The SOPs will be used in the Town's employee training program, and will be designed to meet the following objectives:

- 1) Prevent illicit discharges.
- 2) Ensure Town's staff or contractors properly dispose of waste materials, including landscape wastes and prevent waste materials from entering the MS4
- 3) Prevent the discharge of wastewater or wash water not authorized in accordance with 9VAC25-890-20 D.3.u. into the MS4 without authorization under a separate VPDES permit.
 - o The Town shall ensure that Contractors employed by the Town and engaging in activities described in this BMP follow established good housekeeping procedures and use appropriate control measures to minimize the discharge of pollutants to the MS4. This may be accomplished through use of contract language,
- 4) Minimize the pollutants in stormwater runoff.

Responsible Party: The Planning and Zoning Department in cooperation with the Human Resources/Risk Management Director; develop, evaluate, and amend written water quality-related SOPs and provide support to applicable departments, the latter of which are responsible to comply with the SOPs that are pertinent to their activities.

Schedule: SOPs will be annually evaluated and revised, as needed.

Measurable Goals: Success for this BMP will be measured by evaluating and updating the written SOPs, as needed, and by their use in the Town's employee training program.

Pursuant to the MS4 Permit requirements, the Town revised its SOPs in 2025, as follows:

- To better align with their purpose, the Town changed the name of the SOPs from “Water Quality Related SOPs” to “SOPs for Pollution Prevention and Good Housekeeping.” These SOPs are in the Town’s MS4 Program Plan in **BMP 6-2** and may be accessed via Town’s website: <https://vintonva.gov/230/MS4-Permit>
- The Town’s SOPs for Pollution Prevention and Good Housekeeping include the following topics, as required by the MS4 Permit:
 1. Road, street, sidewalk, and parking lot maintenance and cleaning.
 2. Renovation and significant exterior maintenance activities (e.g., painting, roof resealing, and HVAC coil cleaning)
 3. Discharging water pumped from construction and maintenance activities not covered by another permit covering such activities.
 4. Temporary storage of landscaping materials.
 5. Maintenance of Town-owned or operated vehicles and equipment to prevent them from leaking.
 6. Application of materials, including pesticides and herbicides shall not exceed manufacturer's recommendations.
 7. 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.

TMDL Consistency: This BMP ensures that all Standard Operating Procedures for water quality are in place and used for training. This is an effective BMP to prevent possible pollutants from the Town’s daily operations from entering the MS4. (SED)

Evaluation and Modification: The Town believes it is effective to maintain water quality-related SOPs and to train employees to use them, to protect receiving waters from pollutants that may be carelessly handled by employees in their daily operations. No modifications are planned for this BMP.

BMP 6-3. Public Street Sweeping and Fall Leaf Collection Programs

Goal: The goal for this program is for the Town to maintain an effective street sweeping and the fall leaf collection programs.



Responsible Party: The Town Planning and Zoning Department in cooperation with the Town's Public Works Department.

Schedule: The Town implements and is committed to continuing its public street sweeping and the leaf collection program.

Measurable Goal: The street sweeping program to target weekly sweeping of all primary streets will return the greatest benefit of collecting and thus preventing roadway contaminants, sediment and debris, from entering the stormwater collection system. Other streets are swept out bi-weekly or at three-week intervals. Sweeping frequency is impacted by inclement weather and equipment downtime. This continues to optimize both the use and effectiveness of the Town single street sweeper and achieves desired results.

The fall leaf collection program, which is normally done in the months of November and December, also minimizes leaf and yard waste from entering the stormwater collection system. For Year Two reporting period, the total expenses on wages, and equipment cost of street sweeping program was **\$305,210.22** and the total expense of the leaf

collection program was **\$40,996.50** The number of debris collected by the street sweeping program has also been tracked, which was **166.80 tons** for Year Two.

The Town will continue to maintain the street sweeping program and the leaf collection program. This program of collections of roadway contaminants, sediment, debris, leaf, and yard waste, prevents them from entering the Town's storm sewer collection system, and is of aesthetic benefit.

Reporting Period	Street Sweeping Program		Fall Leaf Collection Program
	Expenses/Wages	Weight Collected/Sediment Removed	
2023 - 2024 (Year 1)	\$104,350.00	89.91 Tons	\$34,351.56
2024 - 2025 (Year 2)	\$305,210.22	166.80 Tons	\$40,966.50

Please see the table above for sediment removed by street sweeping from July 1, 2024, through June 30, 2025.

TMDL Consistency: The street sweeping program offers the greatest benefit to capture roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system. The leaf collection program minimizes leaf and yard debris that are contaminated with pet waste from entering storm sewer system (EC/FC).

Evaluation and Modification: The street sweeping program offers the greatest benefit to capturing roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system. The leaf collection program minimizes leaf and yard debris that are contaminated with pet waste from entering storm sewer system (EC/FC). No modifications are planned for this BMP.

BMP 6-4. Employee Training Programs

Goal: The goal of this BMP is to provide Town employees with necessary training to support the requirements of the MS4 Permit. The written training plan provides for the following:

1. Applicable field personnel shall receive training in the prevention, recognition, and elimination of illicit discharges no less often than once per 24 months.
2. Employees performing road, street, sidewalk, and parking lot maintenance shall receive training in good housekeeping procedures required under Part I E 6 b (1) no less often than once per 24 months
3. Employees working in and around facility maintenance, public works, or recreational facilities shall receive training in applicable Part I E 6 a and b good housekeeping procedures required no less often than once per 24 months.
4. Employees working in and around high-priority facilities with a stormwater pollution prevention plan (SWPPP) shall receive training in applicable site specific SWPPP procedures no less often than once per 24 months.
5. Employees whose duties include emergency spill control and response shall be trained in spill control and response. Emergency responders, such as firefighters and law-enforcement officers, trained on the handling of spill control and response as part of a larger emergency response training shall satisfy this training requirement and be documented in the training plan.
6. Employees and contractors hired by the Town who apply pesticides and herbicides shall be trained and certified in accordance with the Virginia Pesticide Control Act (§ 3.2-3900 et seq. of the Code of Virginia). Certification by the Virginia Department of Agriculture and Consumer Services (VDACS) Pesticide and Herbicide Applicator program shall constitute compliance with this requirement. Contracts for the application of pesticides and herbicides executed after the effective date of this permit shall require contractor certification

Responsible Party: The Planning and Zoning Department, in cooperation with the Human Resources/Risk Management Director, provide the appropriate departments with access to the training materials; each department is responsible for making certain that their employees take and comply with the pertinent training.

Schedule: Employee training in Pollution Prevention and Good Housekeeping will be conducted on a biennial basis. The Town will review the training program on a biennial basis and update it, as needed. This training was conducted in this reporting year. and documented in the Appendix, in the folder titled **BMP 6-3: Employee Training Program.**

Measurable Goals: Employee training in Pollution Prevention and Good Housekeeping will be conducted on a biennial basis. The Town will review the training program on a biennial basis and update it, as needed. In addition, the Town will maintain documentation for a minimum of three years after each training event.

Employees in eight departments will receive training in one or more of the topics listed below, depending on job class, on a biennial basis.

Employees will receive training in one or more of the topics listed below, depending on job class, on a biennial basis.

Recognition and Reporting Illicit Discharges

Applicable field personnel receive training in the recognition and reporting of illicit discharges. This training video takes approximately 30 minutes.

Good Housekeeping and Pollution Prevention Practices

Employees that perform road, street, and parking lot maintenance, or are employed in and around maintenance and public works facilities and at recreational/greenway facilities receive training in good housekeeping and pollution prevention practices. This training video takes approximately 1 hour.

NOTE: All employees who are required to take *Good Housekeeping and Pollution Prevention Practices* are required to read and follow the Town's Water Quality-Related Standard Operating Procedures (SOPs). These procedures were designed to eliminate or minimize pollutant discharges in stormwater.

Contractor Oversight for Environmental Compliance

Supervisors who oversee Contractors that perform work for the Town or employees involved in developing contracts for Contractors take this training. The training explains that all Contractors must have their own written good housekeeping and pollution prevention program, or they must comply with the Town/County's written policies and water quality-related SOPs. Town employees who oversee Contractors working for the Town must ensure compliance by Contractors. This training video takes approximately 30 minutes.

Hazardous Materials (HAZ-MAT) Training

On behalf of the Town of Vinton, the County of Roanoke currently maintains basic hazardous materials training for its employees in Fire and Rescue. All career (paid) staff are certified to HAZ-MAT Operations. For this permit year, there are 186 uniformed, career employees. The number of volunteers is always in flux, but the County estimates that there are also 101 volunteers that currently have HAZ-MAT Operations training. HAZ-MAT certification does not expire from the Virginia Department of Fire Programs; however, all career personnel receive annual, internal training on this topic as part of their career development training.

Stormwater Pollution Prevention Plan (SWPPP) Training

Employees who work at a Town municipal facility that has a SWPPP are required to take SWPPP training to assure that they know (1) where the SWPPP document is kept, (2) what it is for, and (3) which pollution prevention practices are to be used in and around the particular facility. This training presentation (PowerPoint) takes approximately 30 minutes to view.

For Year Two, the training was conducted between November 1, 2024, and December 10, 2024. The links (Roanoke County CAFÉ) to the training materials were sent to 71 employees and 61 responded as having completed the training.

Additionally, Roanoke County as the Town's VESMP Administrator and as part of their annual MS4 reporting, provides a summary report of all DEQ-certified staff who review, approve, and inspect the implementation of stormwater management plans in the County's MS4 Annual Report Supporting Documents that can be accessed via this link: [Document Center • Roanoke County, VA • CivicEngage \(roanokecountyva.gov\)](https://roanokecountyva.gov/Document-Center)

In addition to the above training, all Roanoke County's staff who review, approve, and inspect the implementation of stormwater management plans obtain DEQ certification, as described in Roanoke County's BMP 4-5: Employee and Contractor Certifications (Revised).

- Employee training was conducted in this reporting period and the records are saved in the Appendix, in the County's folder titled BMP 6-3: Employee Training.

TMDL Consistency: Training applicable employees in Pollution Prevention and Good Housekeeping and Illicit Discharge Detection and Elimination (IDDE) helps minimize the discharge of pollutants in stormwater. Ensuring Fire and Rescue employees maintain basic training in hazardous materials operations helps prevent any mishandling of hazardous materials in ways that could be detrimental to the environment. This is an effective BMP to prevent possible pollutants from entering the MS4 (SED/EC).

Evaluation and Modification: The Town believes it is effective to train employees in the above-mentioned topics. No modifications are planned for this BMP.

BMP 6-5. Stormwater Pollution Prevention Plans (SWPPPs) for Municipal Facilities

Goal: The goal of this BMP is to identify high-priority facilities in the Town that have a high potential of discharging pollutants and to prepare, maintain, and implement a site-specific stormwater pollution prevention plan (SWPPP) for each identified facility.

High-priority facilities that have a high potential for discharging pollutants are those facilities that are not covered under a separate VPDES permit and for which any of the following materials or activities occur and are expected to have exposure to stormwater resulting from rain, snow, snowmelt, or runoff:

1. Areas where residuals from using, storing or cleaning machinery or equipment remain and are exposed to stormwater.
2. Materials or residuals on the ground or in stormwater inlets from spills or leaks.
3. Material handling equipment.
4. Materials or products that would be expected to be mobilized in stormwater runoff during loading or unloading or transporting activities (e.g., rock, salt, fill dirt).
5. Materials or products stored outdoors (except final products intended for outside use where exposure to stormwater does not result in the discharge of pollutants);
6. Materials or products that would be expected to be mobilized in stormwater runoff contained in open, deteriorated or leaking storage drums, barrels, tanks, and similar containers.
7. Waste material except waste in covered, non-leaking containers (e.g., dumpsters).
8. Application or disposal of process wastewater (unless otherwise permitted); and
9. Particulate matter or visible deposits of residuals from roof stacks, vents or both not otherwise regulated (i.e., under an air quality control permit) and evident in the stormwater runoff.

The Town of Vinton has developed SWPPPs for all of its five (5) high-priority facilities and will be updated as necessary. Along with the previously developed Implementation Schedule, the SWPPPs have been posted on the Town's website via the link below:

<https://www.vintonva.gov/230/MS4-Permit>

The schedule identifies the high-priority facilities that have a high potential to discharge pollutants. This document also indicates when the various SWPPPs were prepared.

A copy of each SWPPP is kept at the high-priority facility for which it was written. Pursuant to the MS4 Permit requirements, SWPPPs contain the following information:

1. A site description that includes a site map identifying all outfalls, direction of stormwater flows, existing source controls, and receiving water bodies.
2. A description and checklist of the potential pollutants and pollutant sources.
3. A description of all potential non-stormwater discharges.
4. A description of all structural control measures, such as stormwater management facilities and other pollutant source controls, applicable to SWPPP implementation (e.g., permeable pavement or oil-water separators that discharge to sanitary sewer are not applicable to the SWPPP), such as oil-water separators, and inlet protection designed to address potential pollutants and pollutant sources at risk of being discharged to the MS4.
5. A maintenance schedule for all stormwater management facilities and other pollutant source controls applicable to SWPPP implementation described in Part I.E.6.j(4) of the MS4 Permit.
6. Site specific written procedures designed to reduce and prevent pollutant discharge that incorporate by reference applicable good housekeeping procedures required under Part I.E.6.a. and b of the MS4 Permit.
7. A description of the applicable employee training as required in Part I.E.6.d(4) of the MS4 Permit.
8. An inspection frequency of no less often than once per year and maintenance requirements for site specific source controls. The date of each inspection and associated findings and follow-up shall be logged in each SWPPP.
9. A log of each unauthorized discharge, release, or spill incident reported in accordance with Part III G of the MS4 Permit, to include the following:
 - a. Date of incident.
 - b. Material discharged, released, or spilled.
 - c. Estimated quantity discharged, released or spilled.
10. A log of modifications to the SWPPP made as the result of any unauthorized discharge, release, or spill in accordance Part I.E.6.j. of the MS4 Permit or changes in facility activities and operation requiring SWPPP modification.
11. The point of contact for SWPPP implementation.

Responsible Party: The Planning and Zoning Department in cooperation with the Human Resources/Risk Management Director will evaluate the high-priority facilities and prepare and update the necessary SWPPPs. The applicable departments implement their SWPPPs, conduct the requisite training and facility inspections, and handle incident reporting in the event of an unauthorized discharge, release, or spill.

Schedule: The Town has identified its five (5) municipal high-priority facilities, and it has determined which of these high-priority facilities have a high potential to discharge pollutants into stormwater. All necessary SWPPPs have been completed, and they will be maintained for as long as each facility has a high potential to discharge pollutants.

- In accordance with the MS4 Permit, no later than June 30 of each year, the Town will annually review any high-priority facility it owns or operates for which a SWPPP has not been developed to determine if the facility meets any of the conditions described in Part I.E.6.g. of the MS4 Permit. If the facility is determined to need a SWPPP, the Town will develop a SWPPP meeting the requirements of Part I.E.6.h. of the MS4 Permit no later than December 31 of that same year. The Town will maintain a list of all high-priority facilities owned or operated by the permittee not required to maintain a SWPPP in accordance with Part I.E.6.g.
- The Town will review the contents of any site specific SWPPP no later than 30 days after any unauthorized discharge, release, or spill reported in accordance with Part IV.G. of the MS4 Permit to determine if additional measures are necessary to prevent future unauthorized discharges, releases, or spills. If necessary, the County will update the SWPPP no later than 90 days after the unauthorized discharge.
- The Town shall keep the SWPPP at the high-priority facility and utilize it as part of employee SWPPP training required in Part I.E.6.d(4) of the MS4 Permit. The SWPPP and associated documents may be maintained as a hard copy or electronically as long as the documents are available to employees at the applicable site.
- If activities change at a facility such that it no longer meets the definition of a high-priority facility, the Town may remove the facility from the list of high-priority facilities with a high potential to discharge pollutants.
- If activities change at a facility such that it no longer meets the criteria requiring SWPPP coverage as described in Part I.E.6.g. of the MS4 Permit, the Town may remove the facility from the list of high-priority facilities that require SWPPP coverage.

Measurable Goals: Success for this BMP will be measured by the implementation/maintenance of the required SWPPPs and the SWPPPs being kept at

the high-priority facility for which they were written and used as part of the staff training conducted at said facility. These five (5) SWPPPs can be accessed via the link below:
<https://www.vintonva.gov/230/6126/MS4-Permit>

In addition, the Town will review the contents of any site-specific SWPPP no later than 30 days after any unauthorized discharge, release, or spill reported in accordance with Part III G of the MS4 Permit to determine if additional measures are necessary to prevent future unauthorized discharges, releases, or spills. If necessary, the Town will update the SWPPP no later than 90 days after the unauthorized discharge.

Vinton Public Works Facility	Location	Date of SWPPP Completed/Amended
# 1: Vehicle Maintenance Facility/Fueling Center	804 3 rd Street	June 2015/December 2022
# 2: Material Laydown Yard	3 rd Street	June 24, 2019
# 3: Road Salt and Vehicle/Equipment Storage	3 rd Street	September 19, 2018
# 4: Organic Materials Collection Site	3 rd Street	June 2017/February 2023
# 5: Vehicles and Equipment Storage	804 3 rd Street and 860 Industry Circle	June 2017/February 2023

- In this permit Year 2 report:
 - The Town confirms that it reviewed high-priority facilities owned or operated by the Town to determine if SWPPP coverage is needed during the reporting period. No additional SWPPPs are currently needed.
 - No new SWPPPs were created during the reporting period.
 - No high-priority facilities were delisted during the permit year (reference Part I.E.6.l. or m. of the MS4 Permit).
- The Town's identified facilities SWPPP inspection reports are available in the Appendix of the Town's 2024 MS4 Program Plan in the supporting documents folder titled BMP 6-5, which may be accessed here:
<https://www.vintonva.gov/230/MS4-Permit>

The Table below shows the completed inspections of the facilities,

Facility Name	Completed SWPPP Inspections				
	Qtr. 1 (due Jan 1, 2024)	Qtr. 2 (due April 1, 2024)	Qtr. 3 (due July 1, 2024)	Qtr. 4 (due Oct 1, 2024)	Annual Assessment (due Oct 1, 2024)
# 1: Vehicle Maintenance Facility/Fueling Center	Jan 31, 2024	April 9, 2024	July 19, 2024	November 22, 2024	November 22, 2024
# 2: Material Laydown Yard	Jan 31, 2024	April 9, 2024	July 19, 2024	November 22, 2024	November 22, 2024
# 3: Road Salt and Vehicle/Equipment Storage	Jan 31, 2024	April 9, 2024	July 19, 2024	November 22, 2024	November 22, 2024
# 4: Organic Materials Collection Site	Jan 31, 2024	April 4, 2024	July 19, 2024	November 22, 2024	November 22, 2024
# 5: Vehicles and Equipment Storage	Jan 31, 2024	April 4, 2024	July 19, 2024	November 22, 2024	November 22, 2024

- All of the Town's SWPPPs are available in the MS4 Program Plan, which can be accessed on the Town's website: <https://www.vintonva.gov/230/MS4-Permit>

TMDL Consistency: This BMP ensures that all high-priority facilities that have a high potential to discharge pollutants in stormwater have a SWPPP in place with employees trained to understand, implement, and maintain it. The SWPPP identifies Best Management Practices to be employed at each facility to prevent the discharge of pollutants into the MS4 (SED/EC).

Evaluation and Modification: The Town will continue to implement and update the completed SWPPPs and will prepare new SWPPPs, as necessary. No modifications are planned for this BMP.

BMP 6-6. Nutrient Management Plan (NMP)

Currently, the Vinton War Memorial property is the only Town-owned land that meets the requirement for a Nutrient Management Plan (NMP).

Goal: The goal of this BMP is to ensure that excessive nutrients are not being applied to Town-owned lands. To achieve this, the Town will maintain and implement turf and landscape nutrient management plan (NMPs) that has been developed by a certified turf and landscape nutrient management planner (in accordance with § 10.1-104.2 of the Code of Virginia) on the land (Vinton War Memorial) owned or operated by the Town where nutrients are applied to a contiguous area greater than one acre. If nutrients are being applied to achieve final stabilization of a land disturbance project, application amounts will follow the manufacturer's recommendations.

Responsible Party: The Planning and Zoning Department of Development in cooperation with the Town's Department of Cultural, Placemaking, and Events is responsible for the preparation, implementation, and maintenance of Nutrient Management Plans on Town-owned lands.

Schedule: The Town-owned land where nutrients are applied to a contiguous area of 1 acre or more has been identified and Nutrient Management Plan is in place. The Town will continue to implement this plan and update it, as needed.

Measurable Goals: Success for this BMP will be measured by the implementation of the Nutrient Management Plan (NMP) for the applicable land; Vinton War Memorial. The NMP can be accessed via this link: <https://www.vintonva.gov/230/MS4-Permit>

- The Vinton War Memorial NMP was prepared in 2016; updated on July 1, 2019, with an end date of June 30, 2024. The NMP was updated again in early April and submitted it to DCR in early July 2024. DCR subsequently approved the NMP with an expiration date of July 1, 2027.
- There were no updates in this Permit Year 2, and no additional acreages were added.

TMDL Consistency: This BMP ensures that excessive nutrients are not being applied for the Town-owned lands where nutrients are applied to a contiguous area of 1 acre or more. While there is no known benefit towards satisfying the TMDL requirements for *E. coli* or sediment, there is a water quality benefit associated with proper application of nutrients. The minimization of land-applied nutrients helps the Town address one of its high priority water quality issues, that preventing excess nutrients from entering receiving waters via stormwater runoff.

Evaluation and Modification: The Town will continue to implement its NMP for the Vinton War Memorial.

BMP 6-7. Pesticide Applicator Certification

Goal: The goal of this BMP is to ensure that all employees and contractors hired by the Town who apply pesticides and herbicides are trained or certified in accordance with the Virginia Pesticide Control Act (§ 3.2-3900 et seq. of the Code of Virginia). Certification by the Virginia Department of Agriculture and Consumer Services (VCACS) Pesticide and Herbicide Applicator program shall constitute compliance with this requirement.

Responsible Party: The Planning and Zoning Department shall track compliance. The Public Works Department is responsible to ensure that their employees or contractors who apply pesticides on Town-owned lands have current pesticide/herbicide applicator certifications.

Schedule: The Town annually reviews the pesticide/herbicide applicator certifications held by its employees and hired contractors.

Measurable Goals: Success for this BMP will be measured by maintenance of current certification by the applicable employees and any hired contractors. See the summary table, below, for those Town employees that hold the requisite certifications:

EMPLOYEE	CERTIFICATION TYPE	CERTIFICATION #	EXPIRATION DATE
Kenny Sledd	Commercial Pesticide Applicator	127627-G	6/30/2027
Andrew Critcher	Pesticide Applicator – Registered Tech	16045-T	6/30/2026

TMDL Consistency: While there is no known benefit towards satisfying the TMDL requirements for *E. coli* or sediment, there is a water quality benefit associated with proper application of pesticides to avoid excess products entering the receiving waters by way of stormwater runoff.

Evaluation and Modification: They will continue to require the applicable personnel to hold the proper pesticide and fertilizer applicator certifications. No modifications are planned for this BMP.

SECTION II. TOTAL MAXIMUM DAILY LOAD (TMDLs) ACTION PLANS

A. INTRODUCTION

The Town of Vinton has developed two Total Maximum Load (TMDL) Action Plans to reduce loadings for two pollutants of concern (sediment and bacteria), because the Town discharges (or may discharge) these pollutants to impaired waters for which a TMDL has been approved by the U.S. Environmental Protection Agency (EPA) and in which an individual or aggregate waste load has been allocated to the Town of Vinton. The plans have been modified and submitted to VA DEQ Blue Ridge Regional Office on April 26, 2021, are summarized below:

TMDL Action Plan for Bacteria (*E. coli*)

The *Total Maximum Daily Load (TMDL) Action Plan for Bacteria Reduction (*E. coli*) in the Roanoke River, Tinker Creek, and Glade Creek* was completed on July 1, 2015, and submitted to DEQ with the corresponding MS4 Annual Report. The latest version of this plan, dated April 11, 2025, is on the Town's website at: <https://vintonva.gov/230/MS4-Permit>

TMDL Action Plan for Benthic/Sediment

The *Total Maximum Daily Load (TMDL) Action Plan for Benthic/Sediment Reduction in the Roanoke River* was completed on July 1, 2015, and submitted to DEQ with the corresponding MS4 Annual Report. The latest version of this plan, dated April 11, 2025, is on the Town's website at: <https://vintonva.gov/230/MS4-Permit>

***On September 17, 2024, the Vinton Town Council adopted Resolution No. 2612 authorizing the Town Manager to enter a MOU, on behalf of the Town, with Roanoke County, upon a form approved by the Town Attorney, for the County to act as the Virginia Erosion and Stormwater Management (VESMP) Authority for the Town of Vinton. The implementation of this BMP is the responsibility of Roanoke County's Department of Development Services in cooperation with the Town of Vinton's Planning and Zoning Department.**

Pursuant to the MS4 permit requirements, a summary of the BMPs conducted by the Town in cooperation with Roanoke County Department of Development of Services, to implement each of its local TMDL Action Plans follows next in this report, along with a detailed description of the goals of each BMP, the status of the Town's compliance with each BMP, and an evaluation of the BMP and any proposed modifications needed to better achieve the TMDL goals. Each BMP describes how it is consistent with the local TMDL and identifies which impairment type it addresses: Escherichia coli (*E. coli*) bacteria (EC), or sediment (SED).

B. BMPs to Address Bacteria (E. coli)

This plan was developed to reduce bacteria in the Roanoke River, Tinker Creek, and Glade Creek. The BMPs that will be used to address bacteria are listed below:

BMP # Designation	BMP Name/Task	Implementation Dates
DOMESTIC PETS		
B-1	Dog Waste Stations and Signage: <ul style="list-style-type: none"> • Develop written plan of where to install • Install one dog waste station per year until plan is achieved. 	Complete
B-2	Protect Stream Buffers: (See Roanoke County BMP B-2 – Roanoke County is the Town's VESMP Administrator) <ul style="list-style-type: none"> • Ordinance Language Finalized • ROCO BOS Presentation • Ordinance Implemented 	Effective date: July 27, 2021
B-3*	Protect Stream Buffers: No-Mow Policy for Town-Owned Land and Roanoke County-Owned Parks within Town Limits	Spring 2021 Ongoing
B-4	Public Street Sweeping and Leaf Collection Program	July 2013 Ongoing
URBAN WILDLIFE		
B-5	Public Education: Reducing Food Sources Accessible to Wildlife (See Roanoke County BMP B-4)	July 2020 Ongoing
ILLICIT CONNECTIONS OR ILLICIT DISCHARGES TO THE MS4		
B-6	Public Education: Septic System Repair and Maintenance – Roanoke County Information Dissemination includes the Town Limits (Roanoke County BMP # B-5)	Ongoing
B-7	Business Outreach: Eliminating Illicit Discharges	Ongoing
B-8*	Enhanced Public Outreach	Ongoing
B-9*	Enhanced Employee Training	Ongoing

**BMPs Also Effective in Reducing Sediment Discharges to the Roanoke River*

Note: Roanoke County is the Town of Vinton's VESMP's Administrator

Roanoke County Public Outreach/Information Dissemination Includes the Town Residences, Business Owners, Dog/Cat Owners, and/or Active Land Disturbers (Homeowner/Contractor/Developers)

BMP B-1. Dog Waste Stations and Signage

Goal: The goal of this BMP is to increase the number of maintained dog waste stations and the associated signage on the appropriate Town-owned properties such as the Vinton Farmers Market and the greenway's trailhead parking areas, to reduce discharge of *E. coli* from dog waste into receiving waters.

Responsible Party: The Planning and Zoning Department will be responsible for plan development, and the Public Works Department will install and maintain the dog waste stations and accompanying signage, as needed. Roanoke County Department of Parks, Recreation, and Tourism (PRT) is responsible for the maintenance including the installations of trash cans and disposal of waste for the three parks located within the Town Limits – Glade Creek Park, Gearhart Park, and M.A. Banks.

- The Town's Planning and Zoning Department purchases the needed replacement bags for the dog waste stations.
- Depending on where the pet waste station is located, volunteers, Vinton Public Works Department, and/or Roanoke County's Department of Parks, Recreation, and Tourism, dispose of used pet waste bags and/or replenish the stations with new bags, as needed.

Schedule: By December 2023, the Town developed a written plan that describes where dog waste stations should be installed on Town's properties; for example, when a new greenway or park that will be constructed and/or new locations are identified and be maintained by Vinton Public Works Department.

Measurable Goals: The Town will continue to maintain its dog waste stations and associated signage, as the planned stations have been achieved. – Vinton Farmers Market, Wolf Creek Greenway, Glade Creek Greenway, and Gladetown Trail.

Roanoke County's PRT is also assessing the current and proposed locations of Mitt Mutt stations that could possibly be located closer to pavilions or other existing trash cans that are routinely serviced. For the locations of existing "Mutt Mitt" dog waste stations, see the online map that also listed dog waste stations within the Town of Vinton. The map can be accessed via this link:

[GIS & Mapping Support | Roanoke County, VA - Official Website
\(roanokecountyva.gov\)](http://roanokecountyva.gov)

TMDL Consistency: Actions that decrease discharges of *E. coli* are consistent with TMDL for bacteria. (EC)

Evaluation and Modification: The Town will continue to install it when needed, and maintain the installed dog waste stations, as outlined above. No modifications are planned for this BMP.

BMP B-2. Protect Stream Buffers: Ordinance

Goal: The goal of this BMP is to maintain and implement the Town's stream buffer requirements. Stream buffers can be effective in dissuading stream access and in filtering stormwater runoff that sheet flows through them, which helps to remove sediment, bacteria, and other pollutants.

Responsible Party: Roanoke County is the Town's VESMP Authority as of September 17, 2024. The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services. The County's Department of Development Services is responsible in developing and implementing the Stream Buffer Ordinance.

Schedule: This activity began in permit year 2016 - 2017. The stream buffer requirements were incorporated into the County's now-retired Erosion & Sediment Control (ESC) Ordinance (effective date July 27, 2021) and carried over into its new Erosion and Stormwater Management (ESM) Ordinance, effective date August 1, 2024. Pursuant to the requirements, a 25-ft. wide stream buffer along perennial streams must be established in which no land grading may occur.

The County's ESM Ordinance with stream buffer requirements may be viewed online at: <https://www.roanokecountyva.gov/DocumentCenter/View/32607/Revised-Chapter-81-ESM-Ordinance-July-8-2025>

Measurable Goals: Success for this BMP has been achieved, as the ordinance has been adopted. Roanoke County, through its Department of Development Services, will continue to implement this ordinance and the associated stream buffer requirements.

TMDL Consistency: Actions that reduce discharges of *E. coli* are consistent with the TMDL for bacteria (EC).

Evaluation and Modification: The Town agrees with Roanoke County that this BMP to be effective and has no plans for modifications

BMP B-3: Protect Stream Buffers: No-Mow Policy for Town-owned Lands

Goal: The goal of this BMP is to evaluate the possibility of a “no-mow policy for Town-owned and County-owned (parks located within the Town Limits adjacent to Glade Creek Greenway) lands” along streams, as a means to minimize stream bank erosion and dissuade access to streams by dogs.

Responsible Party: The Planning and Zoning Department is responsible for developing the no-mow policy for Town-owned lands with assistance from the Public Works Department and Roanoke County Department of Parks, Recreation, and Tourism (PRT) for greenways and/or parks maintained by the County’s PRT.

Schedule: The Public Works Department mowing personnel have not been mowing along Wolf Creek (Wolf Creek Greenway) since 2015; along Tinker Creek (Glade Creek Greenway) since 2017; and Roanoke County’s PRT personnel and/or their contractor do not mow the buffer along Glade Creek (Glade Creek Greenway) since 2021.

Per Roanoke County’s Stormwater Program Manager, a no-mow policy for County-owned lands is being implemented by the County’s PRT. This policy attempts to balance the competing goals of providing adequate access to streams for the public, providing adequate views of the streams, excluding dogs, protecting stream banks, and providing vegetative filters. Implementation of this policy began in spring 2021. The County’s policy and accompanying map are in the County’s Appendix of this report in the folder titled **B-3**.

Measurable Goals: Success for this BMP has been achieved, as a “no-mow policy for Town-owned and County-owned lands” has been adopted. The Town and County, through the Town’s Department of Public Works and County’s Department of Parks, Recreation, and Tourism, will implement this no-mow policy.

TMDL Consistency: Actions that reduce discharges of *E. coli* are consistent with the TMDL for bacteria. (EC)

Evaluation and Modification: The Town and County find this BMP to be effective and will continue to implement the no-mow policy for County-owned lands.

BMP B-4. Public Street Sweeping and Fall Leaf Collection Programs

Goal: The goal for this program is for the Town to maintain an effective street sweeping and the fall leaf collection programs.



Responsible Party: The Town Planning and Zoning Department in cooperation with the Town's Public Works Department.

Schedule: The Town implements and is committed to continuing its public street sweeping and the leaf collection program.

Measurable Goal: The street sweeping program to target weekly sweeping of all primary streets will return the greatest benefit of collecting and thus preventing roadway contaminants, sediment and debris, from entering the stormwater collection system. Other streets are swept bi-weekly or at three-week intervals. Sweeping frequency is impacted by inclement weather and equipment downtime. This continues to optimize both the use and effectiveness of the Town single street sweeper and achieves desired results.

The fall leaf collection program, which is normally done in the months of November and December, also minimizes leaf and yard waste from entering the stormwater collection system. For Year Two reporting period, the total expenses on wages, and equipment cost of street sweeping program was **\$305,210.22** and the total expense of the leaf

collection program was **\$40,996.50** The number of debris collected by the street sweeping program has also been tracked, which was **166.80 tons** for Year Two.

The Town will continue to maintain the street sweeping program and the leaf collection program. This program of collections of roadway contaminants, sediment, debris, leaf, and yard waste, prevents them from entering the Town's storm sewer collection system, and is of aesthetic benefit.

Reporting Period	Street Sweeping Program		Fall Leave Collection Program
	Expenses/Wages	Weight Collected/Sediment Removed	
2023 - 2024 (Year 1)	\$104,350.00	89.91 Tons	\$34,351.56
2024 - 2025 (Year 2)	\$305,210.22	166.80 Tons	\$40,966.50

Please see the table above for sediment removed by street sweeping from July 1, 2024, through June 30, 2025.

TMDL Consistency: The street sweeping program offers the greatest benefit to capture roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system. The leaf collection program minimizes leaf and yard debris that are contaminated with pet waste from entering storm sewer system (EC/FC).

Evaluation and Modification: The street sweeping program offers the greatest benefit to capturing roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system. The leaf collection program minimizes leaf and yard debris that are contaminated with pet waste from entering storm sewer system (EC/FC). No modifications are planned for this BMP.

BMP B-5. Public Education: Reducing Food Sources Outreach for Bacteria (E. Coli)*

***Please also refer to Roanoke County BMP B-4 since the County Public Outreach information dissemination include the Town of Vinton.**

Goal: The goal of this BMP is to incorporate messages into the existing public education program to encourage citizens to reduce food sources accessible to wildlife. This messaging is to help assure that wild animals do not become dependent on people for food, to minimize the potential for spreading disease between people and animals, to minimize property damage, and to minimize the discharge of bacteria-carrying animal waste that may find its way into the nearest storm drainage system.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services, with assistance from the CVC, RVT, WVVA, the Town's and County's web content manager.

Schedule: Town of Vinton will continue to work cooperatively with Roanoke County; Roanoke County has developed a list of public (target) audiences to receive specific messages on an annual basis about ways to reduce *E. coli* (bacteria) pollution in their day-to-day activities.

By July 2020, Roanoke County expanded its public education program to encourage citizens to reduce food sources accessible to wildlife.

Typical messages in this program have and will include:

- Keep trash cans covered and protected from animals.
- Do not feed pets outdoors.
- Secure bird feeders from squirrels, bears, and other animals.
- Do NOT feed wild animals, including Canadian geese.

Measurable Goals: Success for this BMP will be measured by the incorporation of information concerning *E. coli* (bacteria) into the MS4 Program public education and outreach efforts in accordance with Roanoke County's TMDL Action Plan for *E. coli*. As examples, see page 5 of the County's *Stormwater Newsletter April 2023* for a pertinent article entitled *A Foxy Choice: To Feed or Not to Feed*. See page 11 of the *Stormwater Newsletter February 2024* for a "Leave No Trace" article that encourages citizens to respect and NOT feed wildlife. See page 3 of the March 2025 issue *Stormwater Newsletter March 2025* for a tip to refrain from feeding wildlife, including geese.

Also, see the Town of Vinton's **BMP 1-7** in this annual report for a detailed assessment of compliance with goals and complete versions of Tables 1-7.1 through 1-7.4. Note that Table 1-7.1B shows how the Town addresses *E. coli* for certain target audiences and the general public.

TMDL Consistency: The enhanced Public Education and Outreach goals were specifically tailored to address water quality issues related to *E. coli*. Actions that reduce discharges of *E. coli* are consistent with the TMDL for bacteria. (EC)

Evaluation and Modification: Use of messages tailored to address *E. coli* (bacteria) that are focused on the proper target audiences is an effective means to raise awareness, improve individual's actions, and increase support for water quality programs. The Town believes that its current activities in this area are robust, and no modifications are planned for this BMP.

BMP B-6. Public Education: Septic System Repair and Maintenance

***Roanoke County implementation of this BMP which includes dissemination of the annual stormwater newsletter includes Town residences**

Goal: The goal of this BMP is to incorporate messages into the existing public education program to encourage citizens to properly maintain their septic systems, because malfunctioning or poorly maintained onsite sewage disposal systems may result in discharges of bacteria from human waste.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services.

Schedule: By July 2020, Town of Vinton/Roanoke County expanded its public education program to encourage citizens to periodically pump out their septic systems and to keep them properly operating through the County's annual stormwater newsletter and articles on local newspaper – *The Vinton Messenger*.

Measurable Goals: Success for this BMP will be measured by the incorporation of messages into the existing public education program to encourage citizens to properly maintain and periodically pump out their septic systems.

Roanoke County again partnered with the Roanoke Valley Alleghany-Regional Commission (RVARC) and received a second round of grant funding through the Virginia Environmental Endowment's Community Conservation Program (CCP). The awarded funds will be used to continue the *"Septic System Education and Pump-out Program"* for residents in Roanoke County and the Town of Vinton over a three (3) year period. The press release associated with this grant award is in the County's Appendix of the County's Annual Report in the folder titled **BMP B-5**. The first phase of the program is currently wrapped up with 98 pump-outs complete, exceeding the goal of 96 pump-outs for phase I. Phase II will start in October 2025. For more information, see page 4 of the County's 2025 Stormwater Newsletter that can be accessed via this link:

<https://www.roanokecountyva.gov/DocumentCenter/View/31174/Stormwater-Newsletter-March-2025?bId=>

Or visit the County's septic Pump-out webpage at:

<https://www.roanokecountyva.gov/2963/Septic-Pump-Out-Program>

In addition to Roanoke County's efforts to educate citizens to properly maintain their septic systems, the WVWA went even further by administrating the DEQ TMDL 319 grant that provides cost-share assistance for residents who want to abandon their septic tanks and connect to public sewer. For the period July 1, 2024 - June 30, 2025, six households in Roanoke County abandoned their septic systems and connected to public sewer. This grant was recently extended to go through June 2026.

TMDL Consistency: Actions that reduce discharges of *E. coli* are consistent with the TMDL for bacteria. (EC)

Evaluation and Modification: Roanoke County currently incorporate messages in its public education program about the need to periodically pump out septic systems and to keep systems properly operating. The dissemination of this informational brochure includes the Town of Vinton residences. The Town/Roanoke County will continue these messages.

BMP B-7. Business Outreach: Eliminating Illicit Discharges

***Roanoke County dissemination of educational literature includes the Town of Vinton businesses.**

Goal: The goal of this BMP is to visit targeted businesses that have an elevated potential to discharge bacteria in the conduct of their day-to-day activities and to take corrective actions where illicit discharges are observed.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services.

Schedule: The Town's and County's personnel annually conduct site inspections of targeted businesses that have an elevated potential to discharge bacteria, such as veterinary clinics, kennels, pet stores, restaurants, vehicle maintenance shops, and car washing facilities.

Measurable Goals: The Town's personnel will annually conduct site inspections a minimum of 3 selected facilities; Town staff will meet with business owners or managers to discuss ways to minimize illicit discharges in the day-to-day operations at each facility. If an actual or potential illicit discharge is identified, the Town's inspection staff will work with the business owner to eliminate or reduce the risk.

All the businesses in the target group for bacteria were sent educational literature by Roanoke County's Department of Development Services, in accordance with the County's Table 1-7.1A through 1-7.1C: Stormwater Education Program for Specific Audience, and the Town's Table 1-7.1A through 1-7.1C.

Per Roanoke County's Stormwater Manager, the County will annually conduct site inspections of 15 selected facilities; County staff will meet with business owners or managers to discuss ways to minimize illicit discharges in the day-to-day operations at each facility. If an actual or potential illicit discharge is identified, the County's inspection staff will work with the business owner to eliminate or reduce the risk. For the list of business outreach inspections conducted by Roanoke for Year Two, view Roanoke County's folder labeled **BMP B-6** in the Appendix.

In addition, the Town's Planning and Zoning Department handed out the applicable brochures to targeted business owners when they are issued a zoning permit by Planning and Zoning Department's personnel, prior to the issuance of the Town's business license.

TMDL Consistency: Actions that reduce discharges of *E. coli* are consistent with the TMDL for bacteria. (EC)

Evaluation and Modification: The Town of Vinton finds this to be an effective means to identify potential or actual illicit discharges. No changes are planned currently for this BMP.

BMP B-8: Enhanced Public Outreach for Bacteria (*E. coli*)

***Certain components of the BMPS as listed below are implemented with continued coordination with Roanoke County Department of Development Services and Clean Valley Council (CVC).**

In accordance with the MS4 Permit requirements, the Town's Public Education Program targets three high-priority water quality issues that contribute to the degradation of stormwater runoff and receiving waters: excess bacteria, excess sediment, and excess nutrients. The following BMPs, as outlined in the Town's MS4 Program Plan, address these issues:

Goal: The goal of this BMP is to enhance the BMPs used under MCM 1 and MCM 2, as listed below, where applicable, to ensure that they address bacteria as a high priority water quality issue. This will help to raise awareness of the water quality issues involving *E. coli* (bacteria) in target audiences and the general public.

- **BMP 1-1. Stormwater Educational Resources** - The Town maintains a comprehensive listing of existing stormwater-related agencies and organizations along with pertinent educational programs and resources, which is made available to the public on the Town's stormwater website.
- ***BMP 1-2. Coordination in the Development and Distribution of Roanoke County Stormwater Newsletter** - Continue to coordinate with Roanoke County Stormwater Division with the development and distribution of Roanoke County Stormwater Informational Mailer to Town of Vinton Residents and Businesses.
- **BMP 1-3. Stream Monitoring and Education** - On behalf of Town of Vinton, Clean Valley Council provides stream monitoring and informational stream seminars for Town of Vinton students and residents.
- **BMP 1-4. Stormwater Education Program for Schoolchildren** - Through the Clean Valley Council, Town of Vinton implements a stormwater education program for its schoolchildren. Different programs target appropriate grade levels.
- ***BMP 1-5. Stormwater Public Awareness Programs** - The Town of Vinton implements a Stormwater Public Awareness Program by coordinating with Roanoke County Stormwater Division in the distribution of stormwater merchandise, public service announcements, and other high visibility educational media.
- **BMP 1-6. Town of Vinton Stormwater Webpage** - Town of Vinton maintains a Stormwater webpage as a means to inform the public on the various ways to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and addressing other local water pollution concerns.

- ***BMP 1-7. Targeted Education Program** - This BMP is a joint project with the County of Roanoke. The annual mailing and/or distribution of the educational materials for this targeted education program by the County of Roanoke included the Town of Vinton households, businesses, and contractors involved in land-disturbing activities.
- **BMP 2-3: MS4 Program and Stormwater Pollution Prevention Website** - Town of Vinton maintains a webpage that is dedicated to the MS4 Program and Stormwater Pollution Prevention.

Responsible Party: The Town Planning and Zoning Department in c Roanoke County's Department of Development Services, with assistance from CVC, WVWA, RVT, and the Town's webmaster.

Schedule: CVC and Roanoke County have developed a list of public (target) audiences to receive specific messages on an annual basis about ways to reduce *E. coli* (bacteria) pollution in their day-to-day activities.

Measurable Goals: Success for this BMP will be measured by the incorporation of information concerning *E. coli* (bacteria) into the MS4 Program public education and outreach efforts in accordance with the County's **Figure 7** in the TMDL Action Plan for *E. coli*. Also, see County's **BMP 1-7** in the County's report for a detailed assessment of compliance with goals and complete versions of Tables 1-7a through 1-7d. (County) and Table 1-7.1A through 1-71C (Town). Note that Table 1-7.1B. shows how the Town and County addresses *E. coli* for certain target audiences and the general public.

In this Permit Year, the County's updated pet waste entitled "Pups Poop People Scoop" focuses on picking up pet waste as a strategy to reduce bacteria that may enter receiving waters. The poster is on the County's website, and it was mailed to a variety of targeted (pet-related) businesses including businesses in the Town Limits. It may be accessed by clicking here:

<https://www.roanokecountyva.gov/DocumentCenter/View/32301/Puppies-Poop-People-Scoop---May-2025?bidId=>

TMDL Consistency: The enhanced Public Education and Outreach goals were specifically tailored to address water quality issues related to *E. coli*. (EC)

Evaluation and Modification: Use of messages tailored to address *E. coli* (bacteria) that are focused on the proper target audiences is an effective means to raise awareness, improve an individual's actions, and increase support for water quality programs. The Town believes that its current activities in this area are robust, and no modifications are planned for this BMP.

BMP B-9. Enhanced Employee Training for Bacteria (E. Coli)

Goal: The goal of this BMP is to enhance **BMP 6-3** to ensure that it addresses *E. coli* (bacteria) as a high priority water quality issue. This will help to raise awareness of those Town employees that are required to take such training.

Responsible Party: The Town's Planning and Zoning Department in cooperation with the Town's Human Resources/Risk Management Director will provide the appropriate departments with access to the training materials; each department is responsible to make certain that their employees take and comply with the pertinent training.

Schedule: Employee training is conducted on a biennial basis. The Town will review the training program on a biennial basis and update it, as needed.

Measurable Goals: Compliance with **BMP 6-4** training goals in the following topics with evidence that *E. coli* (bacteria) has been incorporated into the training material as a high priority water quality issue.

- Recognition and Reporting of Illicit Discharges
- Good Housekeeping and Pollution Prevention Practices
- Contractor Oversight for Environmental Compliance
- Hazardous Materials (HAZ-MAT) Training

The training is offered every two years, pursuant to the MS4 permit requirements. For Year Two, the training was conducted between November 1, 2024, and December 10, 2024. The links (Roanoke County CAFÉ) to the training materials were sent to 71 employees and 61 responded as having completed the training

TMDL Consistency: The Enhanced Employee Training was specifically tailored to address ways to reduce *E. coli* (bacteria) in stormwater runoff.

Evaluation and Modification: This training is important to give Town employees the understanding that *E. coli* (bacteria) is a high priority water quality issue and that measures shall be implemented, where practical, to reduce its discharge into stormwater. No modifications are planned for this BMP.

C. BMPs to Address Benthic/Sediment

This plan was developed to reduce sediment in the Roanoke River. The BMPs that will be used to address sediment are listed below:

BMP # Designation	BMP Name/Task	Implementation Dates
S-1	*Lower Threshold for Compliance: Erosion and Sediment Control Program (See Roanoke County BMP # S-1)	Ongoing
S-2	Town of Vinton MS4 BMP Capital Improvement Program	Ongoing
S-3	*Enhanced Public Outreach (Sediment) – Roanoke County Public and Outreach include the Town Limits (See Roanoke County BMP # S-3)	Ongoing
S-4	*Enhanced Employee Training (Sediment)	Ongoing
S-5	*Contractor Appreciation Program (See Roanoke County BMP # S-5: VESMP Administered by Roanoke County)	Ongoing
T-11: Modified to S-6	Public Street Sweeping and Leaf Collection Programs	Ongoing

*Note: Roanoke County is the Town's Virginia's Erosion and Stormwater Management Program (VESMP) Authority

Roanoke County Public Outreach/Information Dissemination Includes the Town Residences, Business Owners, and/or Active Land Disturbers (Homeowner/Contractor/Developers)

BMP S-1. Lower Threshold for Compliance: Erosion & Sediment Control Program

*** The implementation of this MCM and its associated BMPs is the responsibility of Roanoke County Department of Development Services in conjunction with the Town of Vinton Planning and Zoning Department.**

Goal: The goal of this BMP is to reduce the offsite discharge of silt and sediment from construction sites, particularly from smaller sites that disturb less than 10,000 square feet, which is the state's threshold for compliance under the Virginia Erosion & Stormwater Management Program (VESMP). As discussed in the County's TMDL Action Plan for Sediment Reduction, it was previously estimated that this lower threshold kept approximately 1,680 tons/year of sediment out of the area waterways. However, as noted in the September 2022 version of the Action Plan, the County revised this estimate using the Chesapeake Bay Program guidance to estimate the sediment removal attributed to the enhanced and rigorous ESC Program (*Recommendations of the Expert Panel to Define Removal Rates for Erosion and Sediment Control Practices 2014*).

Erosion and sediment control devices are not 100% effective; however, per the Chesapeake Bay Program, a properly designed and installed set of controls should retain at least 85% of sediment on the construction site. Roanoke County permits and inspects approximately 129 land disturbing activities per year that each disturb less than 10,000 square feet. Cumulatively, these activities disturb approximately 18 acres per year.

Respectively, since Roanoke County is the Town's VESMP Authority, the County's lower threshold for compliance keeps about **184 tons/year** of sediment out of local waterways (12 tons/acre/year * 85% *18 acre = 184 tons/year).

Responsible Party: The Town of Vinton's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services.

Schedule: Roanoke County has been implementing a lower threshold of compliance (2,500 square feet) under its Erosion and Sediment Control Program for many years due to its steep terrain, highly erodible soils, and sediment-impaired waterways.

Measurable Goals: Success for this BMP will be measured by the continued implementation of the County's Erosion and Sediment Control Program using a lower threshold of compliance (2,500 sq. ft.).

TMDL Consistency: Actions or activities that reduce discharges of sediment to receiving waters are consistent with the TMDL for sediment. (SED)

Evaluation and Modification: Roanoke County will continue to implement its Erosion and Sediment Control Program using a lower threshold of compliance (2,500 square feet). No changes are planned for this BMP.

BMP S-2. Town of Vinton MS4 BMP Capital Improvement Program (CIP)

Goal: The goal of this BMP is to employ capital resources in the most cost-effective means to reduce sediment loads in the Roanoke River.

Responsible Party: The Planning and Zoning Department in cooperation with the Public Works Department.

Schedule: This program is ongoing. In 2021, the Town's consultant recommended that the most cost-effective BMP to reduce sediment discharged from the Town's MS4 would be *natural stream restoration where excessive stream bank erosion was occurring*. The consultant's recommendation was supported by the reported experiences of other localities.

Measurable Goal: Since the Town believes that natural stream restoration is the most cost-effective means to lower sediment loads in the Roanoke River, the Town has been addressing the reduction of sediment loads through the storm repairs works and plan to continue with natural stream restoration in the near future when Town's funds are available. Currently, the Town plans to fund its CIP projects so that it will be able to fund one capital BMP project about every three years. This program also assumes that 50% of the cost will be provided through the Virginia Stormwater Local Assistance Fund (SLAF). Thus, success for this BMP will be measured by the continued funding and implementation of one capital BMP project about every three years.

Roanoke the County has been addressing the reduction of sediment loads through the construction of stream restoration projects. The County's Stream Restoration Projects along Glade Creek and Wolf Creek, are the streams that are located upstream of the Town Limits, which might have and will continue to reduce sediment in the Town's streams that are located down streams. City of Roanoke completed their Glade Creek Stream Restoration Project in April 2025, which also located upstream of the Town Limits.

TMDL Consistency: Structural BMPs that reduce discharges of sediment to receiving waters are consistent with the TMDL for sediment. (SED)

Evaluation and Modification: Town of Vinton will continue to implement its MS4 BMP Capital Improvement Program. No modifications are planned for this BMP.

Thus, success for this BMP will be measured by the continued funding and implementation of one capital BMP project about every three years.

BMP S-3. Enhanced Public Outreach for Sediment

***Roanoke County implementation and dissemination of public education that include the annual stormwater newsletter, PSAs, brochures, etc., includes Town residents and business owners.**

Goal: The goal of this BMP is to enhance the BMPs used under MCM 1 and MCM 2, where applicable, to ensure that they address sediment as a high priority water quality issue. This will help to raise awareness of the water quality issues involving sediment in target audiences and the general public.

- **BMP 1-1. Stormwater Educational Resources** - The Town maintains a comprehensive listing of existing stormwater-related agencies and organizations along with pertinent educational programs and resources, which is made available to the public on the Town's stormwater website.
- ***BMP 1-2. Coordination in the Development and Distribution of Roanoke County Stormwater Newsletter** - Continue to coordinate with Roanoke County Stormwater Division with the development and distribution of Roanoke County Stormwater Informational Mailer to Town of Vinton Residents and Businesses.
- **BMP 1-3. Stream Monitoring and Education** - On behalf of Town of Vinton, Clean Valley Council provides stream monitoring and informational stream seminars for Town of Vinton students and residents.
- **BMP 1-4. Stormwater Education Program for Schoolchildren** - Through the Clean Valley Council, Town of Vinton implements a stormwater education program for its schoolchildren. Different programs target appropriate grade levels.
- ***BMP 1-5. Stormwater Public Awareness Programs** - The Town of Vinton implements a Stormwater Public Awareness Program by coordinating with Roanoke County Stormwater Division in the distribution of stormwater merchandise, public service announcements, and other high visibility educational media.
- **BMP 1-6. Town of Vinton Stormwater Webpage** - Town of Vinton maintains a Stormwater webpage as a means to inform the public on the various ways to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and addressing other local water pollution concerns.
- ***BMP 1-7. Targeted Education Program** - This BMP is a joint project with the County of Roanoke. The annual mailing and/or distribution of the educational materials for this targeted education program by the County of Roanoke included the Town of Vinton households, businesses, and contractors involved in land-disturbing activities.

- **BMP 2-3: MS4 Program and Stormwater Pollution Prevention Website -**
Town of Vinton maintains a webpage that is dedicated to the MS4 Program and Stormwater Pollution Prevention.

Responsible Party: The Town's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services, with assistance from the CVC, WVVA, RVTV, and the Town/County's webmaster.

Schedule: The Town and Roanoke County have developed a list of public (target) audiences to receive specific messages on an annual basis about ways to reduce sediment pollution in their day-to-day activities.

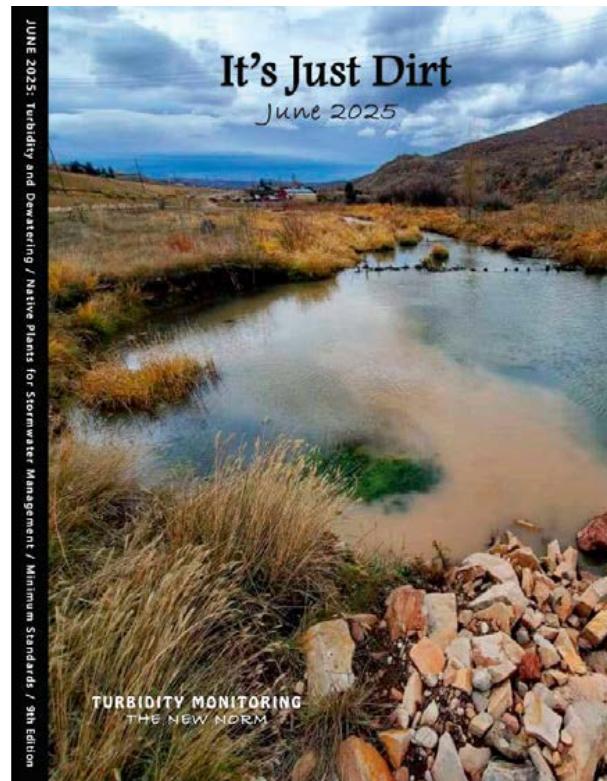
Measurable Goals: Success for this BMP will be measured by the incorporation of information concerning sediment into the Town's and County's public education and outreach efforts. For example, an annual newsletter entitled It's Just Dirt is directed at land disturbing contractors and developers across the region and was mailed to approximately 787 firms this permit year by Roanoke County. Its primary purpose is to educate contractors about ways to reduce sediment pollution from their active land-disturbing projects.

The Contractor Newsletter – Its Just Dirt June 2025 can be accessed via this link:
<https://www.roanokecountyva.gov/DocumentCenter/View/32313/Contractor-Newsletter-June-2025?bidId=>

In addition, some quick tips for homeowners regarding sediment reduction were included on page 3 in the County's Stormwater Newsletter "A Stormwater Guide for Homeowners," dated March 2025. The newsletter is posted on the stormwater website, which may be accessed here:

<https://www.roanokecountyva.gov/DocumentCenter/View/31174/Stormwater-Newsletter-March-2025?bidId=>

Additionally, the County created a Construction General Permit Fact Sheet last permit year to make contractors aware of DEQ's new turbidity monitoring requirements for construction dewatering discharges into sediment-impaired waters (i.e., Mason Creek, Mudlick Creek, Roanoke River, or within the Chesapeake Bay Watershed). The County ESC/SWM inspector includes this Fact Sheet as an attachment to every ESC/SWM



inspection report for each active VSMP construction project, and both documents are mailed or emailed to the site operator. This began late in the last permit year and continues today. See the County's folder titled **BMP S-3** in the Appendix of the County's report to view the Fact Sheet. It is also posted online:

<https://www.roanokecountyva.gov/DocumentCenter/View/29745/Construction-General-Permit-FACTS-2024-rev?bidId=>

Also, see County's **BMP 1-7** in the County's report for a detailed assessment of compliance with goals and complete versions of Tables 1-7a through 1-7d. (County) and Table 1-7.1A through 1-71C (Town). Note that Table 1-7.1A. shows how the Town and County addresses *Sediment* for certain target audiences and the general public.

TMDL Consistency: The enhanced Public Education and Outreach goals were specifically tailored to address water quality issues related to sediment. (SED)

Evaluation and Modification: Use of messages tailored to address benthic/sediment that are focused on the proper target audiences is an effective means to raise awareness, improve individual's actions, and increase support for water quality programs. The Town believes that its current activities in this area are robust, and no modifications are planned for this BMP.

BMP S-4. Enhanced Employee Training for Sediment

Goal: The goal of this BMP is to enhance **BMP 6-3** to ensure that it addresses sediment as a high priority water quality issue. This will help to raise awareness of those Town employees (Public Works Department) that are required to take such training.

Responsible Party: The Planning and Zoning Department in cooperation with Human Resources/Risk Management Director and Public Works Department. The appropriate departments with access to the training materials; each department is responsible to make certain that their employees take and comply with the pertinent training.

Schedule: Employee training will be conducted on a biennial basis. The Town will review the training program on a biennial basis and update it, as needed.

Measurable Goals: Compliance with **BMP 6-3** training goals in the following topics with evidence that sediment has been incorporated into the training material as a high priority water quality issue.

- Recognition and Reporting of Illicit Discharges
- Good Housekeeping and Pollution Prevention Practices
- Contractor Oversight for Environmental Compliance
- Hazardous Materials (HAZ-MAT) Training

The training is offered every two years, pursuant to the MS4 permit requirements. For Year Two, the training was conducted between November 1, 2024, and December 10, 2024. The links (Roanoke County CAFÉ) to the training materials were sent to 71 employees and 61 responded as having completed the training

TMDL Consistency: The Enhanced Employee Training was specifically tailored to address ways to reduce sediment in stormwater runoff. (SED)

Evaluation and Modification: This training is important to give Town employees the understanding that sediment is a high priority water quality issue and that measures shall be implemented, where practical, to reduce its discharge into stormwater. No modifications are planned for this BMP.

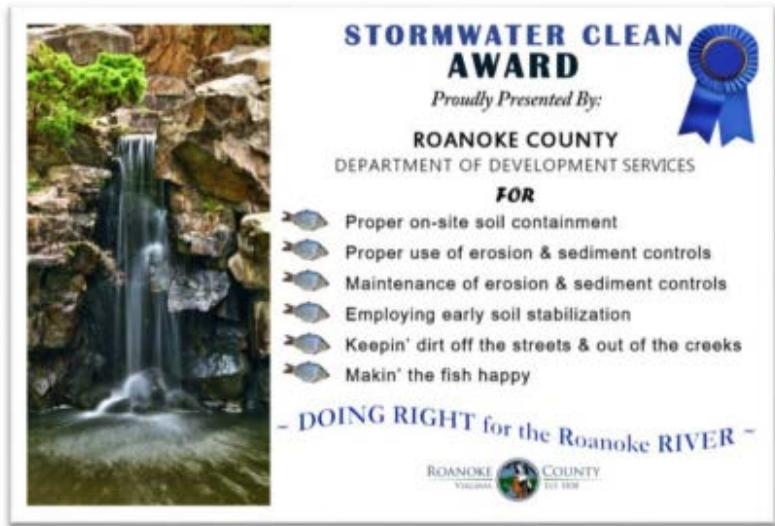
BMP S-5. Contractor Appreciation Program

* The implementation of this MCM and its associated BMPs is the responsibility of Roanoke County's Department of Development Services in cooperation with the Town of Vinton's Planning and Zoning Department.

Goal: To reduce discharge of sediment from construction sites.

Responsible Party: The Town of Vinton's Planning and Zoning Department in cooperation with Roanoke County's Department of Development Services, with the assistance from the County's Public Information Officer (PIO).

Schedule: Roanoke County has implemented the Contractor Appreciation Program to recognize those contractors that are proactive in implementing erosion and sediment controls and employing stormwater management measures to "keep their dirt on their project."



Measurable Goals: Success for this BMP will be measured by the continued implementation of the Contractor Appreciation Program. In this permit year, two firms earned the Stormwater Clean Award for their exceptional projects: (1) Roanoke County Public Schools and their dynamic team, Branch and Joe Bandy & Sons, for the outstanding work at the Career and Technical Education Center (CTE) on Peters Creek Road, in Roanoke, VA; and (2) ABoone Real Estate, Inc. and its team of esteemed professionals, Bowman Excavating, Inc. and Ryan Homes, for stellar work at the Ridge at Fairway Forest Section 2 subdivision project, located in Salem, VA. For specific details about these projects and the program, click [here](https://www.roanokecountyva.gov/1780/Stormwater-Contractor-Appreciation):

<https://www.roanokecountyva.gov/1780/Stormwater-Contractor-Appreciation>

In this permit year, Vintage Builders won the prestigious award for their outstanding work regarding erosion and sediment control on the project entitled "Burchett ESC Plan," located at 7551 Nandina Drive.

TMDL Consistency: Actions that result in lowering the discharge of sediment from construction sites are consistent with the TMDL (SED).

Evaluation and Modification: The Town and County believe that this program is very effective in raising awareness among contractors to 'do the right thing' by keeping their dirt on their projects and out of the local receiving waters. It gives staff an opportunity to

work with the Contractors in a positive way and provides the recipient contractors with positive and free publicity for their projects. No modifications are planned for this BMP

BMP S-6. Public Street Sweeping and Fall Leaf Collection Programs

Goal: The goal for this program is for the Town to maintain an effective street sweeping and the fall leaf collection programs.



Responsible Party: The Town Planning and Zoning Department in cooperation with the Town's Public Works Department.

Schedule: The Town implements and is committed to continuing its public street sweeping and the leaf collection program.

Measurable Goal: The street sweeping program to target weekly sweeping of all primary streets will return the greatest benefit of collecting and thus preventing roadway contaminants, sediment and debris, from entering the stormwater collection system. Other streets are swept out bi-weekly or at three-week intervals. Sweeping frequency is impacted by inclement weather and equipment downtime. This continues to optimize both the use and effectiveness of the Town single street sweeper and achieves desired results.

The fall leaf collection program, which is normally done in the months of November and December, also minimizes leaf and yard waste from entering the stormwater collection system. For Year Two reporting period, the total expenses on wages, and equipment cost of street sweeping program was **\$305,210.22** and the total expense of the leaf

collection program was **\$40,996.50** The number of debris collected by the street sweeping program has also been tracked, which was **166.80 tons** for Year Two.

The Town will continue to maintain the street sweeping program and the leaf collection program. This program of collections of roadway contaminants, sediment, debris, leaf, and yard waste, prevents them from entering the Town's storm sewer collection system, and is of aesthetic benefit.

Reporting Period	Street Sweeping Program		Fall Leave Collection Program
	Expenses/Wages	Weight Collected/Sediment Removed	
2023 - 2024 (Year 1)	\$104,350.00	89.91 Tons	\$34,351.56
2024 - 2025 (Year 2)	\$305,210.22	166.80 Tons	\$40,966.50

Please see the table above for sediment removed by street sweeping from July 1, 2024, through June 30, 2025.

TMDL Consistency: The street sweeping program offers the greatest benefit to capture roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system. The leaf collection program minimizes leaf and yard debris that are contaminated with pet waste from entering storm sewer system (EC/FC).

Evaluation and Modification: The street sweeping program offers the greatest benefit to capturing roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system. The leaf collection program minimizes leaf and yard debris that are contaminated with pet waste from entering storm sewer system (EC/FC). No modifications are planned for this BMP.


TMDL Consistency: The street sweeping program offers the greatest benefit to capture roadway contaminants, debris, and sediment (SED) before entering the Town's storm sewer collection system.

SECTION III. SUPPORTING DOCUMENTS

1. MCM 3: BMP. 3-1: The Town of Vinton's MS4 Public-Owned SWMFs and Outfalls Map for Year 2.
2. MCM 3: BMP 3-1: The Town of Vinton's MS4 Storm Sewer Outfalls Table for Year 2.
3. MC 5: BMP 5-2: Town of Vinton/Public-Owned SWMFs/BMPs Inspection Reports for Year 2.
4. MCM 5: BMP 5-3: Inspection Table of the Stormwater Management Facilities (SWMFs/BMPs) that are Located within the Town of Vinton that Discharge to MS4 for Year 2.
5. MCM 6: BMP 6-4: Town of Vinton's Facilities SWPPPs Inspection Reports for Year 2.

MCM 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION

1. MCM 3: BMP. 3-1: The Town of Vinton's MS4 Public-Owned SWMFs and Outfalls Map for Year 2.
2. MCM 3: BMP 3-1: The Town of Vinton's MS4 Storm Sewer Outfalls Table for Year 2.



Town of Vinton Municipal Separate Storm Sewer System (MS4) Map



August 2025

Outfall ID	Latitude	Longitude	Drainage Area (Acres)	Receiving Waters	HUC 12	VAHUE	Impairment	TMDL*
0672-48-7237-37	37.27928653	-79.90300731	32.00014322	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
0672-58-1339-68	37.27963459	-79.90162738	0.62067888	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
0672-58-1471-73	37.27967836	-79.90148995	0.61233633	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
0672-58-1893-32	37.27973207	-79.90143457	74.7587781	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
0672-58-1893-69	37.28017864	-79.90052342	5.93839213	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
0672-60-4083-20	37.27868349	-79.89703032	0.1863157	Tinker Creek/Glade Creek	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-36-2137-73	37.26687578	-79.88911845	2.60186305	Roanoke River Tributary	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-36-2137-73	37.26688383	-79.88912311	7.005402733	Roanoke River Tributary	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-36-2239-37	37.26704981	-79.88918957	12.685615	Roanoke River Tributary	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-36-2239-37	37.26705118	-79.88920189	11.27381348	Roanoke River Tributary	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-37-0154-67	37.2752782	-79.88713139	2.97546574	Tinker Creek/Glade Creek	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-38-5474-86	37.2838445	-79.89209553	5.059964115	Glade Creek	020101010403	RU12	Yes	E. Coli, Sediment, PCBs
8947-38-5574-20	37.28380146	-79.89212516	0.85002101	Glade Creek	020101010403	RU12	Yes	E. Coli, Sediment, PCBs
8947-38-6162-03	37.28296393	-79.89265202	1.668262619	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-38-6163-89	37.28308284	-79.89272602	96.6815377	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-38-8574-95	37.28384013	-79.89488437	0.709062589	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-38-8674-02	37.28381965	-79.89489903	0.71885039	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-47-7905-71	37.27172919	-79.90313625	4.628289151	Tinker Creek/Glade Creek	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-47-9201-11	37.2714441	-79.90442751	274.9588796	Tinker Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-48-1752-73	37.28225041	-79.8976976	266.2536597	Tinker Creek/Glade Creek	020101010403	RU13	Not Assessed	E. Coli, Sediment, PCBs
8947-48-4622-99	37.28015433	-79.90207013	5.457164998	Glade Creek	020101010403	RU12	Yes	E. Coli, Sediment, PCBs
8947-48-4776-32	37.28396171	-79.9039917	4.8200067	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-48-5816-64	37.27968412	-79.90142024	1.433984798	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-48-5916-04	37.27968838	-79.90145349	0.729522804	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-48-6598-52	37.28267183	-79.90246289	1.420292747	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-48-6599-62	37.28274629	-79.90240772	3.71350787	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-48-7511-63	37.27911986	-79.9029465	3.328523435	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-57-0051-52	37.27520271	-79.90608258	24.731113	Tinker Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-57-2052-72	37.27520644	-79.90610244	24.731113134	Tinker Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-57-2055-55	37.27533184	-79.9069818	0.54594619	Tinker Creek	020101010403	RU12	Yes	E. Coli, Sediment, PCBs
8947-57-2253-77	37.27520767	-79.90717477	3.474398352	Tinker Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-58-1309-34	37.27918242	-79.90633347	1.817443887	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-58-1904-49	37.27886463	-79.90687871	2.904479548	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-58-2413-31	37.27948467	-79.9073167	2.180528363	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-58-2800-20	37.27815203	-79.90767009	1.690523297	Glade Creek	020101010403	RU13	Yes	E. Coli, Sediment, PCBs
8947-58-2810-31	37.27828178	-79.87427281	19.7087049	Wolf Creek Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-58-4136-68	37.26684728	-79.8729435	1.745598582	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-58-4237-31	37.26686093	-79.87300275	0.921884607	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-4293-04	37.27180666	-79.8729968	14.58068941	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-4297-47	37.27119864	-79.87301537	3.981920699	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-4479-71	37.26987388	-79.87312165	2.1777813	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-4577-15	37.26975629	-79.87323537	3.59502458	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-6344-03	37.26738208	-79.87486601	0.085511601	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-6344-07	37.26741308	-79.87486101	2.874876	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-6441-34	37.26717883	-79.87498234	2.784761515	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-7598-13	37.27124729	-79.87394748	1.49853789	Wolf Creek Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-1921-04	37.27118154	-79.87611209	2.399912343	Wolf Creek Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-7898-64	37.27124803	-79.87612088	1.4985831	Wolf Creek Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-7940-89	37.26714069	-79.87613551	6.340703132	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-7941-44	37.26717337	-79.87613764	5.12014852	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-9219-94	37.27125785	-79.87613764	6.711109709	Wolf Creek Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-2029-50	37.28058603	-79.87104557	2.936098689	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-2118-38	37.28056913	-79.8711031	5.271235	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3000-96	37.27855378	-79.87233955	7.10028188	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3501-11	37.27958913	-79.87235998	7.100281883	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3516-73	37.27967859	-79.87240846	3.539314049	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3517-10	37.27967230	-79.87432325	0.159429735	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3518-03	37.28139593	-79.87535276	4.149323288	Wolf Creek Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-4877-39	37.2808346	-79.87835316	1.440546564	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-7273-18	37.28387862	-79.87845759	7.401441296	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-8095-53	37.28540923	-79.87643777	4.26059061	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-8099-27	37.28563812	-79.87640485	0.964655589	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-8285-99	37.28565951	-79.87434364	0.467527089	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-8577-57	37.28407079	-79.87688882	3.433833849	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-8577-89	37.28407859	-79.87691273	29.59260792	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9325-97	37.28821542	-79.87494004	8.024763119	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9402-76	37.28799939	-79.87501504	22.05146991	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9402-77	37.28753202	-79.87517279	1.758363	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9527-61	37.28759513	-79.87454512	2.570548124	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9702-21	37.28742439	-79.87500676	0.650410863	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9702-41	37.28742387	-79.87522828	0.593515547	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9800-35	37.28848437	-79.87642055	0.183611138	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-9802-46	37.28584992	-79.87642356	28.1616598	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, PCBs
8947-16-1793-58	37.26370472	-79.87975154	0.061925471	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-1793-64	37.26374461	-79.87978993	7.99441304	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3284-93	37.26314028	-79.88305458	8.15637308	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-3284-93	37.26322324	-79.88108593	0.171457244	Wolf Creek	020101010404	RU14	Yes	E. Coli, PCBs
8947-16-8788-43	37.26337717	-79.88064393	8.24850845	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, Sediment, PCBs
8947-16-8788-55	37.26414392	-79.88020824	3.124627103	Roanoke River Tributary	020101010404	RU14	Yes	E. Coli, Sediment, PCBs
8947-16-8597-08	37.26405764	-79.89102082	5.077591	Roanoke River Tributary	020101010404	RU14	Yes	E. Coli, Sediment, PCBs
8947-16-8597-09	37.26521914	-79.88797333	0.276385893	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, Sediment, PCBs
8947-16-9512-04	37.26515753	-79.88785156	15.32447182	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, Sediment, PCBs
8947-16-9512-02	37.26508621	-79.88798656	0.454808606	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, Sediment, PCBs
8947-16-9512-04	37.26511523	-79.88798662	0.01646991	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, Sediment, PCBs
8947-16-3111-54	37.26510909	-79.8900017	0.30163344	Roanoke River Tributary	020101010404	RU14	Yes	E. Coli, Sediment, PCBs
8947-16-3111-54	37.26507029	-79.89010112	2.0704921	Roanoke River Tributary	020101010404	RU14	Not Assessed	E. Coli, Sediment, PCBs
8947-16-6009-90	37.26485957	-79.89344284	7.10924755	Roanoke River Tributary	020101010404	RU14	Yes	E. Coli, Sediment, PCBs
8947-16-7009-00	37.2648574	-79.89347224						

MCM 5: POST-CONSTRUCTION RUNOFF CONTROL

1. MCM 5: BMP 5-2: Town of Vinton/Public-Owned SWMFs/BMPs Inspection Reports for Year 2.
2. MCM 5: BMP 5-3: Inspection Table of the Stormwater Management Facilities (SWMFs/BMPs) that are Located within the Town of Vinton that Discharge to MS4 for Year 2.

County of Roanoke
 Dept. of Development Services/Stormwater Management
 5204 Bernard Drive, 2nd Floor
 P. O. Box 29800
 Roanoke, VA 24018
 Phone: (540) 772-2065
 Fax: (540) 776-7155



DETENTION BASIN INSPECTION REPORT

Facility Name: Craig Avenue Recreation Center Detention Basin
Maintenance Agreement: No **Tax Parcel ID:** 070.08-01-01.08-0000

Facility Location: 900 Chestnut Street; Vinton, Va 24179 **BMP ID:** 0672-74-3636
Inspector Name: Daniel Hood **Inspection Date:** 2/28/25
Inspector Phone: 540-580-5292 **Inspection #:** 4917
Inspector Email: dhood@roanokecountyva.gov **W.O. #:** 9351

Responsible Party Name: Town of Vinton; c/o Anita McMillan, Vinton Planning Director
Responsible Party Address: 311 South Pollard Street; Vinton, VA 24179

INSPECTION RESULT: Non-Compliant

INSPECTION FORM

Inspection Questions	Answer	Corrective Action/Notes
Priority		
Type of Inspection:	ROUTINE	
Embankment and Basin Sideslopes		
1. Are there signs of settling, cracking, bulging, or other structural deterioration?	No	
2. Is there woody vegetation growth on the embankment?	No	
3. Are there signs of erosion?	No	
4. Is there evidence of animal burrows or sink holes?	No	
5. Are there bare areas that need seeding or sodding?	No	
6. Is there evidence of oil or other pollutant spills?	No	
Riser/Outlet Control Structure		
1. Is the structure clean of debris and sediment, free of damage, and in working order?	No	Install a restrictor plate as per the approved plan.
2. Is the emergency spillway clear of obstructions, debris, and vegetation?	Yes	
3. Is there evidence of seepage?	No	
Receiving Channel/Outflow Channel		
1. Is there accumulation of sediment, debris, or trash?	No	
2. Is there evidence of erosion?	No	
3. Is there vegetation growth that may interfere with flow?	No	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 1		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	N/A	
3. Is there evidence of erosion?	Yes	Remove trees and repair erosion within the southwest inflow channel.

4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	N/A	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 2		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 3		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	
Basin		
1. Is there accumulation of debris, litter, or sediment?	Yes	Remove accumulated sediment, cattails, and saplings. Grade the basin to restore design dimensions and ensure positive drainage.
2. (For dry detention ponds) Is there standing water in the pond?	Yes	Grade the basin to restore design dimensions and ensure positive drainage.
3. Are there bare areas which need seeding or sodding?	Yes	Stabilize all bare areas once grading is complete.
4. Do the vegetated areas need mowing or is there a build up of clipping that could clog the facility?	Yes	Remove cattails and saplings.
5. Is there evidence of oil or other pollutants in the pond?	No	
6. Do any of the safety devices, fences, gates, or locks need repair?	No	
Other		
1. Is there sediment, debris, litter, oil, or trash that needs to be cleared for aesthetic or functional reasons?	Yes	
2. Is there standing water where there should not be standing water?	Yes	
3. Is there structural damage to concrete structures?	No	
4. Are there signs of erosion at the entrance or exit?	Yes	
5. Are valves, sluice gates, and other mechanical devices operational?	N/A	
6. Has adequate access to the pond been provided, per plans?	Yes	
Overall		
1. Are there other observations?	No	



Craig Avenue Recreation Center detention basin.



Remove trees and repair erosion within the southwest inflow channel.



Install a restrictor plate as per the approved plan.



Remove accumulated sediment, cattails, and saplings. Grade the basin to restore design dimensions and ensure positive drainage. Stabilize all bare areas once grading is complete.

Corrective Action Target Date: June 30, 2025

Pursuant to Roanoke County's coverage under Virginia's Pollutant Discharge Elimination System (VPDES) General Permit for Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, as issued by the Virginia Department of Environmental Quality (DEQ), the County must inspect public stormwater management facilities no less than once per year. If during the inspection of the stormwater management facility it is determined that maintenance is required, the County (or other responsible public entity, i.e., Roanoke County Public Schools, Economic Development Authority, etc.) shall conduct the necessary maintenance.

Please contact the inspector named on the front of this form when:

1. The corrective actions have been completed.
2. Budget constraints prevent the completion of the required repairs by the end of this permit year (June 30, 2025)
3. You have questions regarding how to provide the required corrective actions.

Other Comments:

Submitted To: Anita McMillan, Vinton Planning Director by email at amcmillan@vintonva.gov.

County of Roanoke
 Dept. of Development Services/Stormwater Management
 5204 Bernard Drive, 2nd Floor
 P. O. Box 29800
 Roanoke, VA 24018
 Phone: (540) 772-2065
 Fax: (540) 776-7155



DETENTION BASIN INSPECTION REPORT

Facility Name: Hardy Road Detention Basin 1
Maintenance Agreement: No

Tax Parcel ID: 061.18-04-01.12-0000

Facility Location: 1255 Hardy Road; Vinton, Va 24179

BMP ID: 0508-81-5676

Inspector Name: Daniel Hood

Inspection Date: 2/28/25

Inspector Phone: 540-580-5292

Inspection #: 4914

Inspector Email: dhood@roanokecountyva.gov

W.O. #: 40083

Responsible Party Name: Town of Vinton; c/o Anita McMillan, Vinton Planning Director

Responsible Party Address: 311 South Pollard Street; Vinton, VA 24179

INSPECTION RESULT: Non-Compliant

INSPECTION FORM

Inspection Questions	Answer	Corrective Action/Notes
Priority		
Type of Inspection:	ROUTINE	
Embankment and Basin Sideslopes		
1. Are there signs of settling, cracking, bulging, or other structural deterioration?	No	
2. Is there woody vegetation growth on the embankment?	No	
3. Are there signs of erosion?	No	
4. Is there evidence of animal burrows or sink holes?	Yes	Fill and compact all animal burrows.
5. Are there bare areas that need seeding or sodding?	No	
6. Is there evidence of oil or other pollutant spills?	No	
Riser/Outlet Control Structure		
1. Is the structure clean of debris and sediment, free of damage, and in working order?	No	Remove accumulated sediment from around the outlet orifices. Seal the restrictor plate to the concrete riser.
2. Is the emergency spillway clear of obstructions, debris, and vegetation?	Yes	
3. Is there evidence of seepage?	No	
Receiving Channel/Outflow Channel		
1. Is there accumulation of sediment, debris, or trash?	No	
2. Is there evidence of erosion?	No	
3. Is there vegetation growth that may interfere with flow?	No	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 1		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	Yes	Remove accumulated sediment from within and below the inlet pipe. Reinstall outlet protection once the sediment is removed.
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	

4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 2		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?		
2. Is there evidence of structural failure of the culvert pipe?		
3. Is there evidence of erosion?		
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?		
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 3		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?		
2. Is there evidence of structural failure of the culvert pipe?		
3. Is there evidence of erosion?		
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?		
Basin		
1. Is there accumulation of debris, litter, or sediment?	Yes	Remove accumulated sediment and cattails. Grade the basin to restore design dimensions.
2. (For dry detention ponds) Is there standing water in the pond?	Yes	Grade the basin to restore design dimensions and ensure positive drainage.
3. Are there bare areas which need seeding or sodding?	Yes	Stabilize all bare areas once grading is complete.
4. Do the vegetated areas need mowing or is there a build up of clipping that could clog the facility?	Yes	Remove the cattails.
5. Is there evidence of oil or other pollutants in the pond?	No	
6. Do any of the safety devices, fences, gates, or locks need repair?	No	
Other		
1. Is there sediment, debris, litter, oil, or trash that needs to be cleared for aesthetic or functional reasons?	Yes	
2. Is there standing water where there should not be standing water?	Yes	
3. Is there structural damage to concrete structures?	No	
4. Are there signs of erosion at the entrance or exit?	No	
5. Are valves, sluice gates, and other mechanical devices operational?	N/A	
6. Has adequate access to the pond been provided, per plans?	Yes	
Overall		
1. Are there other observations?	No	



02/28/2025

Hardy Road detention basin 1.



02/28/2025

Fill and compact all animal burrows.



02/28/2025

Remove accumulated sediment from within and below the inlet pipe. Reinstall outlet protection once the sediment is removed.



02/28/2025

Remove accumulated sediment and cattails. Grade the basin to restore design dimensions. Stabilize all bare areas once grading is complete.



02/28/2025

Remove accumulated sediment from around the outlet orifices.



02/28/2025

Seal the restrictor plate to the concrete riser.

Corrective Action Target Date: June 30, 2025

Pursuant to Roanoke County's coverage under Virginia's Pollutant Discharge Elimination System (VPDES) General Permit for Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, as issued by the Virginia Department of Environmental Quality (DEQ), the County must inspect public stormwater management facilities no less than once per year. If during the inspection of the stormwater management facility it is determined that maintenance is required, the County (*or other responsible public entity, i.e., Roanoke County Public Schools, Economic Development Authority, etc.*) shall conduct the necessary maintenance.

Please contact the inspector named on the front of this form when:

1. The corrective actions have been completed.
2. Budget constraints prevent the completion of the required repairs by the end of this permit year (June 30, 2025)
3. You have questions regarding how to provide the required corrective actions.

Other Comments:

Submitted To: Anita McMillan, Vinton Planning Director by email at amcmillan@vintonva.gov.

County of Roanoke
 Dept. of Development Services/Stormwater Management
 5204 Bernard Drive, 2nd Floor
 P. O. Box 29800
 Roanoke, VA 24018
 Phone: (540) 772-2065
 Fax: (540) 776-7155



DETENTION BASIN INSPECTION REPORT

Facility Name: Hardy Road Detention Basin 2
Maintenance Agreement: No

Tax Parcel ID: 061.18-04-01.12-0000

Facility Location: 1255 Hardy Road; Vinton, Va 24179

BMP ID: 0508-81-5677

Inspector Name: Daniel Hood

Inspection Date: 2/28/25

Inspector Phone: 540-580-5292

Inspection #: 4915

Inspector Email: dhood@roanokecountyva.gov

W.O. #: 40084

Responsible Party Name: Town of Vinton; c/o Anita McMillan, Vinton Planning Director

Responsible Party Address: 311 South Pollard Street; Vinton, VA 24179

INSPECTION RESULT: In Compliance

INSPECTION FORM

Inspection Questions	Answer	Corrective Action/Notes
Priority		
Type of Inspection:	ROUTINE	
Embankment and Basin Sideslopes		
1. Are there signs of settling, cracking, bulging, or other structural deterioration?	No	
2. Is there woody vegetation growth on the embankment?	No	
3. Are there signs of erosion?	No	
4. Is there evidence of animal burrows or sink holes?	No	
5. Are there bare areas that need seeding or sodding?	No	
6. Is there evidence of oil or other pollutant spills?	No	
Riser/Outlet Control Structure		
1. Is the structure clean of debris and sediment, free of damage, and in working order?	Yes	
2. Is the emergency spillway clear of obstructions, debris, and vegetation?	Yes	
3. Is there evidence of seepage?	No	
Receiving Channel/Outflow Channel		
1. Is there accumulation of sediment, debris, or trash?	No	
2. Is there evidence of erosion?	No	
3. Is there vegetation growth that may interfere with flow?	No	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 1		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	

Culverts, Storm Drains, or other Inflow Channels - Inflow			
Point 2			
1. Is the storm drain filled more than 25% with debris, sediment, or trash?			
2. Is there evidence of structural failure of the culvert pipe?			
3. Is there evidence of erosion?			
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?			
Culverts, Storm Drains, or other Inflow Channels - Inflow			
Point 3			
1. Is the storm drain filled more than 25% with debris, sediment, or trash?			
2. Is there evidence of structural failure of the culvert pipe?			
3. Is there evidence of erosion?			
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?			
Basin			
1. Is there accumulation of debris, litter, or sediment?	No		
2. (For dry detention ponds) Is there standing water in the pond?	No		
3. Are there bare areas which need seeding or sodding?	No		
4. Do the vegetated areas need mowing or is there a build up of clipping that could clog the facility?	No		
5. Is there evidence of oil or other pollutants in the pond?	No		
6. Do any of the safety devices, fences, gates, or locks need repair?	No		
Other			
1. Is there sediment, debris, litter, oil, or trash that needs to be cleared for aesthetic or functional reasons?	No		
2. Is there standing water where there should not be standing water?	No		
3. Is there structural damage to concrete structures?	No		
4. Are there signs of erosion at the entrance or exit?	No		
5. Are valves, sluice gates, and other mechanical devices operational?	N/A		
6. Has adequate access to the pond been provided, per plans?	Yes		
Overall			
1. Are there other observations?	No		



Hardy Road detention basin 2.

Scheduled Re-Inspection Date: January 01, 2026

Thank you for the continued maintenance of your BMP. Above is the approximate date when the County will reinspect the basin.

Other Comments:

Submitted To: Anita McMillan, Vinton Planning Director by email at amcmillan@vintonva.gov.

County of Roanoke
 Dept. of Development Services/Stormwater Management
 5204 Bernard Drive, 2nd Floor
 P. O. Box 29800
 Roanoke, VA 24018
 Phone: (540) 772-2065
 Fax: (540) 776-7155



DETENTION BASIN INSPECTION REPORT

Facility Name: Vinton War Memorial Detention Basin
Maintenance Agreement: No **Tax Parcel ID:** 060.16-06-33.00-0000
Facility Location: 814 Washington Avenue; Vinton, Va 24179 **BMP ID:** 0672-88-4778
Inspector Name: Daniel Hood **Inspection Date:** 2/28/25
Inspector Phone: 540-580-5292 **Inspection #:** 4916
Inspector Email: dhood@roanokecountyva.gov **W.O. #:** 9692

Responsible Party Name: Town of Vinton; c/o Anita McMillan, Vinton Planning Director
Responsible Party Address: 311 South Pollard Street; Vinton, VA 24179

INSPECTION RESULT: Non-Compliant

INSPECTION FORM

Inspection Questions	Answer	Corrective Action/Notes
Priority		
Type of Inspection:	ROUTINE	
Embankment and Basin Sideslopes		
1. Are there signs of settling, cracking, bulging, or other structural deterioration?	No	
2. Is there woody vegetation growth on the embankment?	No	
3. Are there signs of erosion?	No	
4. Is there evidence of animal burrows or sink holes?	No	
5. Are there bare areas that need seeding or sodding?	No	
6. Is there evidence of oil or other pollutant spills?	No	
Riser/Outlet Control Structure		
1. Is the structure clean of debris and sediment, free of damage, and in working order?	Yes	
2. Is the emergency spillway clear of obstructions, debris, and vegetation?	Yes	
3. Is there evidence of seepage?	No	
Receiving Channel/Outflow Channel		
1. Is there accumulation of sediment, debris, or trash?	No	
2. Is there evidence of erosion?	N/A	
3. Is there vegetation growth that may interfere with flow?	N/A	
Culverts, Storm Drains, or other Inflow Channels - Inflow Point 1		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	

Culverts, Storm Drains, or other Inflow Channels - Inflow		
Point 2		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	
Culverts, Storm Drains, or other Inflow Channels - Inflow		
Point 3		
1. Is the storm drain filled more than 25% with debris, sediment, or trash?	No	
2. Is there evidence of structural failure of the culvert pipe?	No	
3. Is there evidence of erosion?	No	
4. Are there signs of settling, cracking, or misalignment of the storm drain pipe?	No	
Basin		
1. Is there accumulation of debris, litter, or sediment?	Yes	Remove accumulated sediment below the southeast and northeast inlet pipes and reinstall outlet protection.
2. (For dry detention ponds) Is there standing water in the pond?	Yes	Remove accumulated sediment and grade to ensure positive drainage.
3. Are there bare areas which need seeding or sodding?	Yes	Stabilize all bare areas once grading is complete.
4. Do the vegetated areas need mowing or is there a build up of clipping that could clog the facility?	No	
5. Is there evidence of oil or other pollutants in the pond?	No	
6. Do any of the safety devices, fences, gates, or locks need repair?	No	
Other		
1. Is there sediment, debris, litter, oil, or trash that needs to be cleared for aesthetic or functional reasons?	Yes	
2. Is there standing water where there should not be standing water?	Yes	
3. Is there structural damage to concrete structures?	No	
4. Are there signs of erosion at the entrance or exit?	No	
5. Are valves, sluice gates, and other mechanical devices operational?	N/A	
6. Has adequate access to the pond been provided, per plans?	Yes	
Overall		
1. Are there other observations?	No	



Vinton War Memorial detention basin.



Remove accumulated sediment below northeast inlet pipe and reinstall outlet protection.



Remove accumulated sediment below the southeast inlet pipe and reinstall outlet protection.



Remove accumulated sediment and grade to ensure positive drainage. Stabilize all bare areas once grading is complete.

Corrective Action Target Date: June 30, 2025

Pursuant to Roanoke County's coverage under Virginia's Pollutant Discharge Elimination System (VPDES) General Permit for Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, as issued by the Virginia Department of Environmental Quality (DEQ), the County must inspect public stormwater management facilities no less than once per year. If during the inspection of the stormwater management facility it is determined that maintenance is required, the County (or other responsible public entity, i.e., Roanoke County Public Schools, Economic Development Authority, etc.) shall conduct the necessary maintenance.

Please contact the inspector named on the front of this form when:

1. The corrective actions have been completed.
2. Budget constraints prevent the completion of the required repairs by the end of this permit year (June 30, 2025)
3. You have questions regarding how to provide the required corrective actions.

Other Comments:

Submitted To: Anita McMillan, Vinton Planning Director by email at amcmillan@vintonva.gov.

STORMWATER MANAGEMENT FACILITIES THAT DISCHARGE TO MS4, TOWN OF VINTON - Permit Year 2 (7/1/2024 to 6/30/2025)

BMP ID	Project Name	Date Installed	Latitude	Longitude	BMP Type	Impervious Area Treated	Pervious Area Treated	Total Area Treated	Maintenance Agreement	Inspection Date	HUC 12
0508-81-5676	Hardy Road Detention Basin 1	2005-06-30	37.272773	-79.876283	Dry Detention Ponds	0.13	0.27	0.40	No	2025-02-28	030101010403
0508-81-5677	Hardy Road Detention Basin 2	2005-06-30	37.272872	-79.876840	Dry Detention Ponds	0.17	0.34	0.51	No	2025-02-28	030101010403
0672-48-6105	Butler Family Trust	2013-01-01	37.278938	-79.903431	Bioretention	0.24	0.00	0.24	Yes	2021-06-28	030101010403
0672-59-7188	Highland Garage	2005-06-15	37.281808	-79.899452	Dry Detention Ponds	0.30	0.58	0.88	Yes	2022-10-13	030101010403
0672-64-7085	Wiley Development	2006-02-22	37.267774	-79.895731	Dry Detention Ponds	0.35	1.26	1.61	No	2021-06-28	030101010403
0672-66-1535	Harris Development	2003-10-30	37.274599	-79.898101	Infiltration Basin	0.02	0.03	0.05	No	2025-06-18	030101010403
0672-66-2479	Harris Development	2003-10-30	37.274545	-79.897608	Infiltration Basin	0.02	0.03	0.05	No	2025-06-18	030101010403
0672-66-2502	Harris Development	2003-10-30	37.274528	-79.897877	Infiltration Basin	0.02	0.03	0.05	No	2025-06-18	030101010403
0672-66-3437	Harris Development	2003-10-30	37.274393	-79.897425	Infiltration Basin	0.02	0.04	0.06	No	2025-06-18	030101010403
0672-67-6617	Wesleyan Church Vinton	2005-06-30	37.277079	-79.896514	Underground Infiltration System	0.20	0.41	0.61	No	2025-07-22	030101010403
0672-73-4510	A Porter's Haven Pond 1	2008-01-10	37.266278	-79.893548	Dry Detention Ponds	2.43	0.71	3.14	No	2025-07-30	030101010404
0672-73-5139	A Porter's Haven Pond 3	2008-01-10	37.265448	-79.893123	Dry Detention Ponds	0.80	0.21	1.01	No	2025-07-30	030101010404
0672-74-3636	Craig Ave Recreational Center Basin	2005-06-30	37.269460	-79.893897	Dry Detention Ponds	23.06	45.58	68.64	No	2025-02-28	030101010403
0672-78-3490	Advance Auto TOV	2010-10-06	37.279756	-79.893856	Proprietary Stormwater Treatment Device	0.26	0.04	0.30	No	2025-09-03	030101010403
0672-83-0556	A Porter's Haven Pond 2	2008-01-10	37.266488	-79.891357	Dry Detention Ponds	1.65	0.86	2.51	No	2025-07-30	030101010403
0672-84-4789	Colonial Downs	2004-01-01	37.269874	-79.889928	Dry Detention Ponds	2.99	5.92	8.91	Yes	2024-10-16	030101010403
0672-86-4424	Life Tabernacle Church	2008-06-02	37.274393	-79.890212	Dry Detention Ponds	0.89	1.77	2.66	No	2024-04-16	030101010403
0672-86-8095	Bojangles Filterra #5	2013-01-01	37.273347	-79.888609	Filterra Biofiltration	0.17	0.03	0.20	No	2025-09-03	030101010403
0672-86-8253	Bojangles Filterra #6	2013-01-01	37.273838	-79.888751	Filterra Biofiltration	0.11	0.06	0.17	No	2025-09-03	030101010403
0672-86-9018	Bojangles TOV	1999-01-01	37.273446	-79.888535	Underground Infiltration System	0.23	0.44	0.67	No	2025-09-03	030101010403
0672-87-0009	Peebles Place	2010-11-16	37.276164	-79.891702	Dry Detention Ponds	1.60	3.15	4.75	No	2025-09-03	030101010403
0672-88-4778	Vinton War Memorial	1960-01-01	37.280828	-79.890188	Dry Detention Ponds	2.19	7.99	10.18	No	2025-02-28	030101010403
0672-96-6115	First Citizens Bank - Vinton	1997-01-01	37.273645	-79.886110	Dry Detention Ponds	0.61	1.22	1.83	No	2025-09-29	030101010403
0672-96-8736	River Park Shopping Center	1988-01-01	37.275346	-79.885397	Dry Detention Ponds	4.93	9.74	14.67	Yes	2025-08-04	030101010403
0682-05-0834	Valley Bank - Hardy Rd	2002-01-01	37.272823	-79.884659	Underground Infiltration System	0.04	0.09	0.13	No	2025-09-29	030101010403
0682-06-6453	CVS Vinton	1998-01-01	37.274473	-79.882556	Dry Detention Ponds	0.50	0.99	1.49	Yes	2025-08-28	030101010403
0682-08-3833	James B. Smith SB Lot 1	2006-01-01	37.281209	-79.883770	Infiltration Basin	0.02	0.05	0.07	No	2025-08-28	030101010403
0682-08-3990	James B. Smith SB Lot 2A	2006-01-01	37.281243	-79.883589	Infiltration Basin	0.02	0.04	0.06	No	2025-08-28	030101010403
0682-08-4941	James B. Smith SB Lot 3	2005-01-01	37.281271	-79.883409	Infiltration Basin	0.02	0.05	0.07	No	2025-08-28	030101010403
0682-08-5933	James B. Smith SB Lot 4	2005-01-01	37.281336	-79.883090	Infiltration Basin	0.03	0.04	0.07	No	2025-08-28	030101010403
0682-08-5994	James B. Smith SB Lot 5	2006-01-01	37.281364	-79.882900	Infiltration Basin	0.03	0.05	0.08	No	2025-08-28	030101010403
0682-08-6966	James B. Smith SB Lot 6	2005-01-01	37.281404	-79.882669	Infiltration Basin	0.03	0.05	0.08	No	2025-08-28	030101010403
0682-08-7927	James B. Smith SB Lot 7	2006-01-01	37.281438	-79.882446	Infiltration Basin	0.03	0.05	0.08	No	2025-08-28	030101010403
0682-08-8927	James B. Smith SB Lot 8	2005-01-01	37.281439	-79.882092	Infiltration Basin	0.02	0.05	0.07	No	2025-08-28	030101010403
0682-09-5422	Herman L. Horn Pond	2012-12-17	37.282685	-79.883157	Dry Detention Ponds	2.11	12.22	14.33	Yes	2025-01-29	030101010403
0682-16-1056	Campbell Memorial Presbyterian Church	2007-11-19	37.273473	-79.880823	Dry Detention Ponds	1.00	0.70	1.70	Yes	2022-11-10	030101010404
0682-16-7759	Lewis Russell Estates E&S	2006-01-01	37.275490	-79.878818	Infiltration Basin	0.02	0.03	0.05	No	2025-03-25	030101010403
0682-16-7848	Lewis Russell Estates E&S	2006-01-01	37.275736	-79.878833	Infiltration Basin	0.02	0.04	0.06	No	2025-03-25	030101010403
0682-16-7997	Lewis Russell Estates E&S	2006-01-01	37.275988	-79.878678	Infiltration Basin	0.03	0.05	0.08	No	2025-03-25	030101010403
0682-16-8701	Lewis Russell Estates E&S	2006-01-01	37.275295	-79.878616	Infiltration Basin	0.02	0.03	0.05	No	2025-04-02	030101010403
0682-17-1392	Carter Bank and Trust	2012-06-30	37.276928	-79.880768	Dry Detention Ponds	0.26	0.53	0.79	No	2025-09-22	030101010403
0682-17-8060	Lewis Russell Estates E&S	2007-01-01	37.276080	-79.878432	Infiltration Basin	0.06	0.11	0.17	No	2025-03-25	030101010403
0682-17-9022	Lewis Russell Estates E&S	2006-01-01	37.276129	-79.878212	Infiltration Basin	0.03	0.06	0.09	No	2025-03-25	030101010403
0682-26-0905	Lewis Russell Estates E&S	2006-01-01	37.275953	-79.877937	Infiltration Basin	0.02	0.05	0.07	No	2025-04-07	030101010404
0682-27-2144	Lewis Russell Estates E&S	1970-01-01	37.276469	-79.877131	Dry Detention Ponds	6.65	13.15	19.80	Yes	2022-08-16	030101010404
0682-38-8795	The Meadows	2000-01-01	37.280976	-79.871541	Dry Detention Ponds	1.73	3.41	5.14	Yes	2021-08-25	030101010404
0682-39-0790	The Meadows	2005-01-01	37.283543	-79.874356	Dry Detention Ponds	8.02	15.86	23.88	Yes	2021-08-25	030101010404
0682-54-0045	Law Dental Office	2016-07-24	37.273202	-79.885607	Dry Detention Ponds	0.23	0.11	0.34	Yes	2021-07-19	030101010403

**MCM 6: POLLUTION PREVENTION AND GOOD
HOUSEKEEPING FOR FACILITIES OWNED OR OPERATED
BY THE PERMITTEE WITHIN THE MS4 SERVICE AREA**

MCM 6: BMP 6-4: Town of Vinton's Facilities SWPPPs Inspection Reports for Year 2.



Town of Vinton

Facility # 1 – Vehicle Maintenance Facility/ Fueling Center Checklist

Public Works Department is responsible for conducting quarterly Inspections, at minimum, of its own facilities. Please submit completed forms to: Anita McMillan, Planning and Zoning Director/Stormwater Program Manager

Date: 1/31/24 Time: 7:30 AM Inspector: Kenny Sledd

Facility Name and Location: #1 Vehicle Maintenance Facility/Fueling Center, 804 3rd Street, Vinton

Description of Activities: Quarterly

Receiving Waterway: Tinker Creek

Fueling Areas	Comments
<input checked="" type="checkbox"/> Proper use of spill overflow protection	
<input checked="" type="checkbox"/> Roof over fueling area	
<input checked="" type="checkbox"/> Dry cleanup methods used for fuel spills	
<input checked="" type="checkbox"/> Tank certified by PBCDERM	
<input checked="" type="checkbox"/> Leak detection system for fuel tanks	
<input checked="" type="checkbox"/> Fueling pad graded for minimum run-on of stormwater	
<input checked="" type="checkbox"/> Fueling pad discharges into a sump pump, not into a storm drain	

Vehicle and Equipment Maintenance	Comments
<input checked="" type="checkbox"/> Proper storage & disposal of greasy rags, oil/air filters, batteries, spent coolants	
<input checked="" type="checkbox"/> Labeling & tracking for the recycling of hazardous waste materials	
<input checked="" type="checkbox"/> Hazardous materials stored properly without evidence of spills	
<input checked="" type="checkbox"/> Inventory of materials maintained onsite & Material Safety Data sheets	
<input checked="" type="checkbox"/> Wrecked and "part" vehicles drained of all fluids	
<input checked="" type="checkbox"/> Stored liquids and batteries have secondary containment	
<input checked="" type="checkbox"/> Liquid waste disposed of properly and not being poured into storm system/sinks	
<input checked="" type="checkbox"/> Empty drip pans are cleaned and properly stored	
<input checked="" type="checkbox"/> Floor drains discharge into a storage sump with an oil/water separator	

Outdoor Vehicle and Equipment Storage	Comments
<input checked="" type="checkbox"/> Ground free of visual stains from oil or other vehicle fluids	
<input checked="" type="checkbox"/> Drip pans used during vehicle maintenance	
<input checked="" type="checkbox"/> Drip pans cleaned and properly stored	
<input checked="" type="checkbox"/> Storage are covered and properly maintained	

Other Comments and /or Observations:



Town of Vinton Facility # 2 Materials Laydown Yard Inspection Checklist

Public Works Department is responsible for conducting quarterly Inspections, at minimum, of its own facilities. Please submit completed forms to: Anita McMillan, Planning and Zoning Director/Stormwater Program Manager

Date: 11/31/24 Time: 8:30 AM Inspector: Kenny Sledd

Facility Name and Location: # 2 Materials Laydown Yard, 801 3rd Street, Vinton

Description of Activities: Quarterly

Receiving Waterway: Tinker Creek

Fueling Areas

Comments

Proper use of spill overflow protection	
Roof over fueling area	
Dry cleanup methods used for fuel spills	
Tank certified by PBCDERM	
Leak detection system for fuel tanks	
Fueling pad graded for minimum run-on of stormwater	
Fueling pad discharges into a sump pump, not into a storm drain	

Vehicle and Equipment Maintenance

Comments

Proper storage & disposal of greasy rags, oil/air filters, batteries, spent coolants	
Labeling & tracking for the recycling of hazardous waste materials	
Hazardous materials stored properly without evidence of spills	
Inventory of materials maintained onsite & Material Safety Data sheets	
Wrecked and "part" vehicles drained of all fluids	
Stored liquids and batteries have secondary containment	
Liquid waste disposed of properly and not being poured into storm system/sinks	
Empty drip pans are cleaned and properly stored	
Floor drains discharge into a storage sump with an oil/water separator	

Outdoor Vehicle and Equipment Storage

Comments

Ground free of visual stains from oil or other vehicle fluids	
Drip pans used during vehicle maintenance	
Drip pans cleaned and properly stored	
Storage are covered and properly maintained	

Other Comments and /or Observations:



Town of Vinton

Facility # 3 Road Salt and Vehicles/Equipment Storage Inspection Checklist

Public Works Department is responsible for conducting quarterly inspections, at minimum, of its own facilities. Please submit completed forms to: Anita McMillan, Planning and Zoning Director/Stormwater Program Manager

Date: 1/31/24 Time: 9:00 a.m. Inspector: Kenny Sledd

Facility Name and Location: #3 Road Salt and Vehicles/Equipment, 830 3rd Street, Vinton

Description of Activities: Quarterly

Receiving Waterway: Tinker Creek

Fueling Areas

Comments

Proper use of spill overflow protection	
Roof over fueling area	
Dry cleanup methods used for fuel spills	
Tank certified by PBCDERM	
Leak detection system for fuel tanks	
Fueling pad graded for minimum run-on of stormwater	
Fueling pad discharges into a sump pump, not into a storm drain	

Vehicle and Equipment Maintenance

Comments

Proper storage & disposal of greasy rags, oil/air filters, batteries, spent coolants	
Labeling & tracking for the recycling of hazardous waste materials	
Hazardous materials stored properly without evidence of spills	
Inventory of materials maintained onsite & Material Safety Data sheets	
Wrecked and "part" vehicles drained of all fluids	
Stored liquids and batteries have secondary containment	
Liquid waste disposed of properly and not being poured into storm system/sinks	
Empty drip pans are cleaned and properly stored	
Floor drains discharge into a storage sump with an oil/water separator	

Outdoor Vehicle and Equipment Storage

Comments

Ground free of visual stains from oil or other vehicle fluids	
Drip pans used during vehicle maintenance	
Drip pans cleaned and properly stored	
Storage are covered and properly maintained	

Other Comments and /or Observations:



Town of Vinton Facility # 4 – Organic Collection Site Checklist

Public Works Department is responsible for conducting quarterly Inspections, at minimum, of its own facilities. Please submit completed forms to: Anita McMillan, Planning and Zoning Director/Stormwater Program Manager

Date: 1/31/24 Time: 10:00 pm Inspector: Kenny Sledd

Facility Name and Location: #4 Organic Materials Collection Site, 835 3rd Street, Vinton

Description of Activities: Quarterly Receiving Waterway: Tinker Creek

Fueling Areas	Comments
Proper use of spill overflow protection	
Roof over fueling area	
Dry cleanup methods used for fuel spills	
Tank certified by PBCDERM	
Leak detection system for fuel tanks	
Fueling pad graded for minimum run-on of stormwater	
Fueling pad discharges into a sump pump, not into a storm drain	

Vehicle and Equipment Maintenance	Comments
Proper storage & disposal of greasy rags, oil/air filters, batteries, spent coolants	
Labeling & tracking for the recycling of hazardous waste materials	
Hazardous materials stored properly without evidence of spills	
Inventory of materials maintained onsite & Material Safety Data sheets	
Wrecked and “part” vehicles drained of all fluids	
Stored liquids and batteries have secondary containment	
Liquid waste disposed of properly and not being poured into storm system/sinks	
Empty drip pans are cleaned and properly stored	
Floor drains discharge into a storage sump with an oil/water separator	

Outdoor Vehicle and Equipment Storage	Comments
Ground free of visual stains from oil or other vehicle fluids	
Drip pans used during vehicle maintenance	
Drip pans cleaned and properly stored	
Storage are covered and properly maintained	

Other Comments and /or Observations:



Town of Vinton Facility # 5 Vehicles/Equipment Storage Inspection Checklist

Public Works Department is responsible for conducting quarterly Inspections, at minimum, of its own facilities. Please submit completed forms to: Anita McMillan, Planning and Zoning Director/Stormwater Program Manager

Date: 1/31/24 Time: 10:30 AM Inspector: Kenny Sledd

Facility Name and Location: # 5 Vehicles/Equipment Storage

Description of Activities: Quarterly

Receiving Waterway: Tinker Creek

Fueling Areas	Comments
Proper use of spill overflow protection	
Roof over fueling area	
Dry cleanup methods used for fuel spills	
Tank certified by PBCDERM	
Leak detection system for fuel tanks	
Fueling pad graded for minimum run-on of stormwater	
Fueling pad discharges into a sump pump, not into a storm drain	

Vehicle and Equipment Maintenance	Comments
Proper storage & disposal of greasy rags, oil/air filters, batteries, spent coolants	
Labeling & tracking for the recycling of hazardous waste materials	
Hazardous materials stored properly without evidence of spills	
Inventory of materials maintained onsite & Material Safety Data sheets	
Wrecked and "part" vehicles drained of all fluids	
Stored liquids and batteries have secondary containment	
Liquid waste disposed of properly and not being poured into storm system/sinks	
Empty drip pans are cleaned and properly stored	
Floor drains discharge into a storage sump with an oil/water separator	

Outdoor Vehicle and Equipment Storage	Comments
Ground free of visual stains from oil or other vehicle fluids	
Drip pans used during vehicle maintenance	
Drip pans cleaned and properly stored	
Storage are covered and properly maintained	

Other Comments and /or Observations: