



TOWN OF VINTON

311 S. POLLARD STREET
VINTON, VIRGINIA 24179

PHONE: (540) 983-0607

FAX: (540) 983-0626

EMAIL: clawrence@vintonva.gov

CHRISTOPHER S. LAWRENCE
TOWN MANAGER

March 28, 2013

Ms. Ginny Snead, P.E.
Stormwater Regulatory Programs Manager
VA Department of Conservation and Recreation
900 East Main Street, 8th Floor, Pocahontas Building
Richmond, VA 23219-3558

Re: Town of Vinton VSMP Small MS4s Permit No. VAR040026
MS4s General Permit Registration Statement and Program Plan Authorization Statement

Dear Ms. Snead:

This letter is to serve as written notification that Anita J. McMillan, Town of Vinton Planning and Zoning Director, has been and will continue to be responsible for submitting the Town of Vinton's VSMP General Permit Registration Statement, developing the updated VSMP MS4 Program Plan, and submitting the annual report, as required under the VSMP General Permit Discharges from Small Municipal Separate Storm Sewer Systems.

Ms. McMillan has been responsible for the completion and submittal of the MS4 Program Plan since the Town of Vinton was required to submit a Stormwater Management Program in compliance with the provisions of the EPA's NPDES, Virginia State Water Control Law, and VPDES Permit Regulations in March 2003.

We appreciate your assistance on this program. Should you have any questions, please give Ms. McMillan a call at (540) 983-0601 or email her at amcmillan@vintonva.gov.

Sincerely,

Christopher S. Lawrence
Town Manager

c: Anita J. McMillan, Planning and Zoning Director



VSMF GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS [VAR04]

(Please Type or Print All Information)

(The applicable fee specified in Form DCR 199-145 must additionally be submitted to the address given in that form to obtain coverage)

1. Regulated Small MS4

Name: Town of Vinton MS4

Type: City County Incorporated Town Unincorporated Town College or University
 Local School Board Military Installation Transport System Federal or State Facility Other

Location (County or City): Town of Vinton, Virginia

2. Regulated Small MS4 Operator

Name: The Town of Vinton

Address: 311 South Pollard Street

City: Vinton State: VA Zip: 24179

3. Hydrologic Unit Code(s) as identified in the most recent version of Virginia's 6th Order National Watershed Boundary Dataset currently receiving discharges or that have potential to receive discharges from the regulated small MS4:

HUCs: RU13-Glade Creek and Tinker Creek; RU14-Roanoke River and Wolf Creek

4. Attach a description of the estimated drainage area, in acres, served by the regulated small MS4 discharging to any impaired receiving surface waters listed in the most recent Virginia 305(b)/303(d) Water Quality Assessment Integrated Report, and a description of the land use of each such drainage area. *See Attached.

5. Any TMDL waste loads allocated to the regulated small MS4 (this information may be found at <http://www.deq.state.va.us/tmdl/develop.html>):

Glade Creek (E.Coli): 8.78E+10 cfu/year; Tinker Creek (E.Coli): 3.42E+11 cfu/year

Roanoke River (E.Coli): 3.32E+10 cfu/year; and Roanoke River (Sediment): 128 tons/year

6. The name(s) of any regulated physically interconnected MS4s to which the regulated small MS4 discharges.
City of Roanoke, County of Roanoke, and Virginia Department of Transportation (VDOT)

7. A copy of the MS4 Program Plan that includes: *See Attached.

a. A list of BMPs that the operator proposes to implement for each of the stormwater minimum control measures and their associated measurable goals pursuant to 4VAC50-60-1240, Section II B; that includes:

i. A list of the existing policies, ordinances, schedules, inspection forms, written procedures, and other documents necessary for BMP implementation; and

ii. The individual, department, division, or unit responsible for implementing the BMP;

b. The objective and expected results of each BMP in meeting the measurable goals of the stormwater minimum control measures;

c. The implementation schedule including any interim milestones for the implementation of a proposed new BMP; and

d. The method that will be utilized to determine the effectiveness of each BMP and the program as a whole.

8. List all existing signed agreements between the operator and any applicable third parties where the operator has entered into an agreement in order to implement minimum control measures or portions of minimum control measures.

County of Roanoke, Clean Valley Council (CVC), Roanoke Valley Resource Authority (RVRA), Roanoke Valley Television (RVTV)

See Attached Agreements.

9. The name, address, telephone number and e-mail address of either the principal executive officer or ranking elected official as defined in 4VAC50-60-370.

Name: Bradley E. Grose, Mayor

Address: 311 S. Pollard Street, Vinton, VA 24179

Phone: (540) 983-0607 Email: bgrose@vintonva.gov

10. The name, position title, address, telephone number and e-mail address of any duly authorized representative as defined in 4VAC50-60-370.

Name: Christopher S. Lawrence, Town Manager

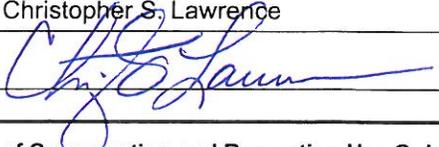
Address: 311 S. Pollard Street, Vinton, VA 24179

Phone: (540) 983-0607 Email: clawrence@vintonva.gov

11. **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."

Print Name: Christopher S. Lawrence

Title: Town Manager

Signature: 

Date: MARCH 28, 2013

For Department of Conservation and Recreation Use Only

Accepted/Not Accepted by: _____ Date: _____

Basin _____ Stream Class _____ Section _____ Special Standards _____

TOWN OF VINTON, VIRGINIA
Virginia Stormwater Management Program (VSMP)
General Permit for Discharges of Stormwater from
Small Municipal Separate Storm Sewer System (MS4)
PROGRAM PLAN



Town of Vinton, Virginia

MS4 Permit No. VARO40026
Town of Vinton MS4

General Permit Coverage
JULY 1, 2013 – JUNE 30, 2018

March 28, 2013

Prepared By:
Department of Planning and Zoning
311 South Pollard Street
Vinton, VA 24179

Submitted to the Virginia Department of Conservation and Recreation in
Compliance with MS4 Permit No. VAR040026

Vinton Town Council

Bradley E. Grose, Mayor

William Wesley Nance, Vice Mayor

Robert R. Altice

Matthew S. Hare

I. Douglas Adams, Jr.

Christopher S. Lawrence
Town Manager/Chief Executive Officer
311 South Pollard Street
Vinton, VA 24179
540-983-0607, clawrence@vintonva.gov

Registration Statement and MS4 Program Plan Prepared and Compiled by:

The Town of Vinton Department of Planning and Zoning

Anita J. McMillan, Planning and Zoning Director
MS4 Duly Authorized Representative
311 South Pollard Street
Vinton, VA 24179
540-983-0601, amcmillan@vintonva.gov

Contributing Agencies and Organizations:

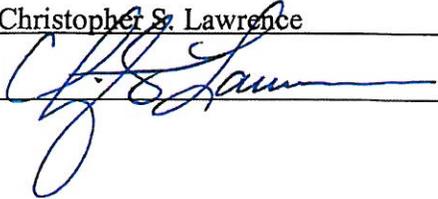
Clean Valley Council
The City of Roanoke
The County of Roanoke
Roanoke Valley Resource Authority (RVRA)
Roanoke Valley Television Station (RVTV)

Signed Certification in Accordance with 4VAC50-60-370:

"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."

Print Name: Christopher S. Lawrence

Title: Town Manager

Signature: 

Date: MARCH 28, 2013

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 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. This program is also designed to meet the appropriate water quality requirements of the Clean Water Act (CWA), Virginia Stormwater Management Act, and associated regulations.

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 intends to continue its participation in regional efforts to educate the general public and developers. These efforts are in cooperation with Roanoke County and City of Roanoke, 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), Upper Roanoke River Roundtable (URRR), Roanoke Valley Greenway Commission, Roanoke Valley Urban Forestry Council (RVUFC), Western Virginia Water Authority, and Western Virginia Land Trust. 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.

Since 2003, the Town has 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:

1. Public Education and Outreach on Stormwater Impacts
2. Public Involvement/Participation
3. Illicit Discharge Detection and Elimination;
4. Construction Site Stormwater Runoff Control;
5. Post-Construction Stormwater Management in New Development and Development on Prior Developed Lands; and
6. Pollution Prevention/Good Housekeeping for Municipal Operations.

In addressing these six minimum control measures, the Town of Vinton emphasizes the importance of lowering sediment, bacteria, and PCB discharges to the storm sewer systems in accordance with the approved TMDLs within the Town.

The Town of Vinton’s Physically Interconnected MS4’s to which It Discharges

The Town is located in Roanoke County, bordered on its western and northern limits by the City of Roanoke. To the east, lie Roanoke County and the southern border lies along the Roanoke River and Roanoke County. 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 a population of 8,098; contains 3.2 square miles in area; 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.

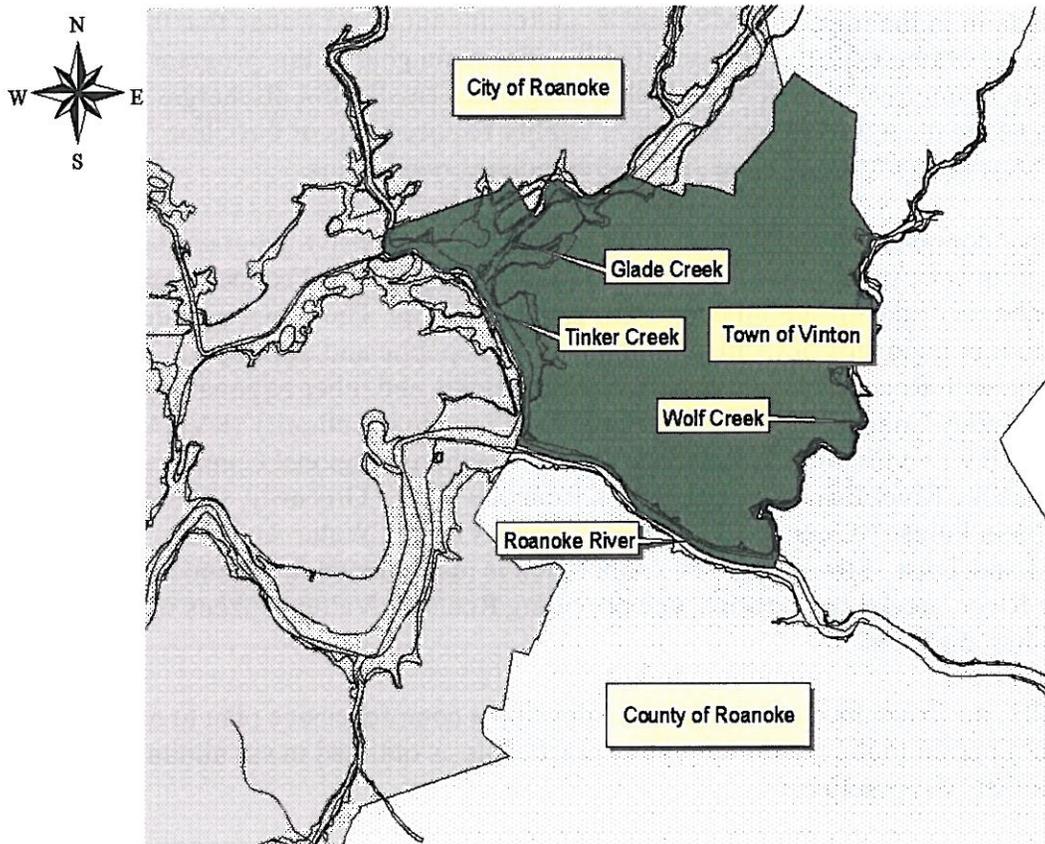


Figure 1. Receiving Waters for the Town of Vinton, Virginia

The Town owns and maintains its roadway systems, solid waste collection operation, and provides water and sewer system services to both Town and East Roanoke County residents. The Town pumps its sewage to the Roanoke Regional Wastewater Treatment Plant located in the City of Roanoke. The Town owns and operates its water system, which uses a series of thirteen wells drawing ground water from the Falling Creek Aquifer.

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 City of Roanoke, 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.

Table 1: Town of Vinton Watersheds HUC's, Impaired Receiving Waters, and Drainage Areas

| 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 |

Strategies to Ensure Program Consistency with TMDL Assumptions

The Town of Vinton has several local creeks that have a TMDL completed at the time when the MS4 permit was issued. The creeks, associated pollutants, and waste load allocations are listed below. The Town intends to update its MS4s Program Plan in accordance with the requirements set forth in the 2013 General Permit for Discharges of Stormwater from Small MS4s. The Town's Draft General Permit contains the required plan update schedule. Until the Program Plan is updated, the Town will continue to implement the BMPs listed under the current Plan.

Table 2: Wasteload Allocations for the Town of Vinton Watershed with Completed TMDLs

| TMDL Waterways and Tributaries* | Year Completed | Parameter | WLA |
|---------------------------------|----------------|-----------------------|-------------------|
| <i>Tinker Creek Watershed</i> | 2004 | E.Coli (EC) | |
| Glade Creek | | | 8.78E+10 cfu/year |
| Tinker Creek | | | 3.42E+11 cfu/year |
| <i>Roanoke River Watershed</i> | 2006 | E.Coli (EC) | |
| Roanoke River | | | 3.32E+10 cfu/year |
| <i>Roanoke River Watershed</i> | 2006 | Sediment (SED) | |
| Roanoke River | | | 128 tons/year |

*This information is based upon DEQ list of approved and draft TMDL's at <http://www.deq.state.va.us/tmdl/develop.html> for streams located within the urbanized Town of Vinton as defined by the 2012 Census

Description of Land Use for Each Watershed Discharging to Impaired Receiving Waters

Glade Creek:

The Glade Creek watershed is a 33 square mile drainage basin located in northeast Roanoke County, northeast Roanoke City, and northwest Vinton which also stretches into Botetourt County. Glade Creek originates in the Blue Ridge Mountains near Curry Gap and flows southwesterly until its confluence with Tinker Creek. **Cook Creek** is a tributary on the northwestern reach of Glade Creek. The Glade Creek watershed contains fifteen land uses, but the four major land uses are: woods, agriculture, 1/2- acre and 1/4- acre residential lots and commercial development. Approximately 50% of the watershed consists of wooded areas, 20% of the watershed is agriculture, 15% of the watershed is residential, and 5% is commercial. The remaining 10% of the watershed consists of pasture, brush, industrial development and open space. Glade Creek has been listed as impaired and a TMDL report was completed in 2004.

Tinker Creek:

The Tinker Creek watershed is a 112 square mile watershed located in northeast Roanoke County, northeast Roanoke City, northwest Vinton and southeast Botetourt County. The Tinker Creek watershed originates on Tinker Mountain near Mt. Union at an elevation of approximately 2400 ft and flows in a southerly direction until its confluence with the Roanoke River. There are four significant streams that drain the Tinker Creek watershed: **Carvin Creek, Glade Creek, West Tinker Creek, and Lick Run.**

The Tinker Creek watershed consists of sixteen existing land uses but only 3 predominate: woods, agriculture and 1/4- acre residential lots. Approximately 50% of the watershed is wooded. Agricultural land use comprises approximately 25% of the watershed. Approximately 10% of the watershed is comprised of 1/4- acre residential lots. The remaining 15% of the watershed consists of mainly open space, commercial areas, 1/2- acre residential lots and industrial areas. Tinker Creek has been listed as impaired and a TMDL report was completed in 2004.

Wolf Creek:

The Wolf Creek watershed is a 4.9 square mile drainage basin located in eastern Roanoke County, and east Vinton. The Wolf Creek basin originates in the Blue Ridge Mountains at Stewart Knob at an approximate elevation of 2435 ft and flows in a southwesterly direction until its confluence with the Roanoke River.

The Wolf Creek watershed contains eleven land uses, but only 5 predominate: woods, agriculture, and 1/2- , 1/3- and 1/4- acre residential lots. Approximately 40% of the watershed is comprised of wooded areas, 20% is agricultural and 25% is 1/4- acre residential. One half- and 1/3- acre residential land uses each comprise about 5% of the watershed. The remaining 5% of the watershed consists of the other 6 land uses: pasture, commercial, open space, 1- and 2- acre residential and paved areas. Wolf Creek directly discharges to the impaired receiving waters of the Roanoke River.

MCM 1: PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

The Town of Vinton, Roanoke County, and City of Roanoke entered into a contract agreement with Clean Valley Council (CVC), Inc., since August 2006 to help fulfill most of the Best Management Practices (BMPs) within the MCM 1 and MCM 2. The 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 general public will also be targeted through wastewater education, public forums, and Save Our Streams (SOS) field days.

A list of programs or BMPs to meet these educational, and outreach measures is:

- BMP 1-1: Comprehensive Review and Inventory of Available Stormwater Educational Resources and Programs
- BMP 1-2: Development and Distribution of Stormwater Educational Mailer for Town Residents and Businesses
- BMP 1-3: Development and Implementation of Stormwater Educational School Programs – Different Programs for Age Appropriate Grade Level
- BMP 1-4: Stormwater Public Awareness Programs to Promote the Importance of Protecting Stormwater Quality
- BMP 1-5: Town of Vinton Webpage where Citizens Can Obtain Information Concerning the Town’s Stormwater Management Program, Ordinances, Design Guidelines, Contact Information, Educational Programs, and Links to Other Organizations and Web Sites

Included in this document is a detailed description of the objective and measurable goal of each BMP; the strategies to ensure consistency with identified TMDLs; the responsible parties, and the applicable supporting documents that include contract agreements, policies, ordinances, inspection forms, written procedures, and other documents necessary for the implementation of the BMPs.

BMP 1-1. Comprehensive Review and Inventory of Available Stormwater Educational Resources and Programs

Goal: To continue to update and distribute a list of current publications, educational programs, websites, videos, maps, and training opportunities that directly address stormwater issues such as stormwater management, stormwater quality, impaired water bodies, floodplain management, pollution prevention, conservation practices, and riparian habitat protection.

TMDL Consistency: The sources to be made available on the Town’s websites will provide extensive educational material concerning the damage pet waste and sediment can do to the waterways (EC/FC, SED). The website will provide links to Roanoke County and state erosion

and sediment control regulations for developers that are interested in ways to stabilize a construction site, etc.

Responsible Party: Department of Planning and Zoning/Clean Valley Council, Inc.

Schedule and Evaluation: The Town has created and maintained this education programs review in the form of a stormwater programs database. The database will continue to document educational programs, brochures, pamphlets, videos, maps, and training opportunities related to stormwater quality, stormwater management, floodplain management, pollution prevention, conservation practices and riparian habitat. The Town proposes to continue to maintain and update this stormwater programs database.

The database is accessible through Town's website and includes instructions on accessing the variety of educational materials located on the site. At the end of each annual period, the Town will analyze website usage to determine the most effective format in which to distribute the list of programs. The Town along with Roanoke County is planning to form target groups based on website usage to distribute specific program lists to libraries, schools and/or public organizations. The Town will submit a copy of this database, documentation of the number of visits, and provide the website where the stormwater programs database can be found.

Supporting Document: None

Measurable Goal: Success of this BMP will be measured by tracking website usage and documentation of the number of programs lists distributed.

Items to be Reported in the Annual Report: Evaluation and modification to this BMP will be based on results of analysis of the measurable goal.

BMP 1-2. Development and Distribution of Stormwater Educational Mailers for Town Residents and Businesses

Goal: To continue to develop stormwater educational mailer for general public and for specific commercial businesses. The material will be designed as a regional document and will touch on the stormwater program, general stormwater quality education, updates of local impaired water bodies, and TMDL's. It will be based on the unique issues and concerns for the Roanoke River Watershed. Specific businesses will be targeted in an effort to increase business owners' awareness of the impacts of illicit discharges into the Town's storm sewer systems.

TMDL Consistency: The educational mailer will provide information on pet waste (EC/FC), sediment (SED), hazardous waste, stormwater management facility maintenance guide, and other applicable stormwater outreach programs.

Responsible Party: Department of Planning and Zoning and Clean Valley Council, Inc.

Schedule and Evaluation: During the two permit cycles, the Town along with Roanoke County created a stormwater informational mailer which provided residents with information on the

Town's Stormwater Program, general stormwater quality education, updates on local impaired water bodies and TMDLs. This mailer was included in the County of Roanoke's Park and Recreation catalog for distribution to the entire County population including Town's residents.

The Town provides its citizens an annual calendar in early December of each year. The calendar provided information on stormwater program such as special refuse pick-ups, household hazardous waste and recycling collections, and list environmental events in the Town and Roanoke Valley. The Town will continue to develop a list of target businesses and distributing information to business owners and their personnel. The number of phone calls and emails received shows that the mailer, calendar, etc. serve as an effective format to distribute stormwater information.

The Town proposes to continue to educate Town's residents and businesses on its stormwater program through this educational mailers and business education program. Additionally, the Town will post a version of educational mailers on the website for additional outreach.

At the end of each annual period, the Town will document annual distribution totals of the mailer and calendar.

Supporting Document: Cooperative Agreement between the Town of Vinton and Clean Valley Council, Inc.

Measurable Goal: Success of this BMP will be measured by documenting the numbers of mailers and Town's annual calendars being distributed, and specific business mailer and the list of businesses targeted.

Items to be Reported in the Annual Report:

- The number of mailers being distributed.
- The number of annual calendars being distributed.
- Evaluation and modification to this BMP will be based on results of analysis of the measurable goal.

BMP 1-3. Development and Implementation of Stormwater Educational School Programs – Different Programs for Age Appropriate Grade Levels

Clean Valley Council (CVC) educators under the direction of the Town, County of Roanoke, and City of Roanoke through contractual agreement, has been and will continue developing and providing programs addressing stormwater quality issues at public and private schools. Town residents are served by Roanoke County Public School in addition to a number of private and parochial schools. In conjunction with these year-long school programs, the CVC also holds an annual Earth Summit, in which select seniors and juniors from area high schools attend environmental workshops and lectures. The Town believes that this program is successful in teaching school children about stormwater issues and the benefits of healthy water bodies.

Goal: The Town will continue to work with CVC in developing and providing programs addressing stormwater and related water quality issues. Different programs will target appropriate grade levels and will be SOL correlated.

TMDL Consistency: The educational programs that are presented target sources of bacteria such as “Indoor and Outdoor Stream Schools”, “Soil Who Need It”, “The Water Game”, “Travelin’ Trash”, “Drains to Rivers”, “Reelin’ Runoff”, “Water Jeopardy”, and “After the Storm” (EC/FC). Educational programs that target potential sources of sediments are “Watershed to Oceans”, “Watershed Connections”, “Plant Eat Bad Chemicals”, “Water: Nature’s Recycling System”, “Stream School”, “Water: Woes to Wonders”, and “After the Storm” (SED).

Responsible Party: Department of Planning and Zoning/Clean Valley Council, Inc.

Schedule and Evaluation: During the last two permit cycles, CVC has continued to develop and provide stormwater education programs for school children which met SOLs requirements. 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 with its contractual 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 program may be incorporated to address new issues that impact the community.

At the end of each annual period, the Town will analyze the numbers of how many school programs were developed and provided and how many children were reached to determine the effectiveness of this BMP.

Supporting Document: Cooperative Agreement between the Town of Vinton and Clean Valley Council, Inc. and the CVC Education Program List.

Measurable Goal: Success of this BMP will be measured by tracking the number of programs given and the number of children participated in the programs.

Items to be Reported in the Annual Report:

- The number of programs developed.
- The number of programs offered at schools.
- The number of schools and number of children participated.

BMP 1-4. Stormwater Public Awareness Programs to Promote the Importance of Protecting Stormwater Quality

A Stormwater Public Awareness Program continues to be developed including the distribution of stormwater merchandise, public service announcements, and other high visibility educational media by utilizing social media marketing methods to bring stormwater quality issues to the attention of the Town’s citizens.

Goal: The Town will develop a Stormwater Public Awareness Program that includes distribution of stormwater merchandise, public service announcements (PSAs), and other high visibility educational media to promote the importance of stormwater quality by utilizing social media marketing methods.

TMDL Consistency: The Stormwater Public Awareness PSA and/or promotional merchandise that will be developed and/or given out at special events, and/or made available at public buildings will incorporate the applicable TMDLs (EC/FC and SED).

Responsible Party: Department of Planning and Zoning and Roanoke Valley Regional Cable Television (RVTV)

Schedule and Evaluation: During the two permit cycles, the Town in cooperation with CVC distributed a variety of media bringing stormwater quality issues to the attention of the public through merchandise and informational sessions. RVTV also produced a segment on stormwater issues, in addition to local television networks coverage on the annual valley wide Spring Clean Valley Day and Fall Waterways Clean-up events.

The Town finds this BMP to be effective and intends to combine the promotional merchandise BMP with the PSA BMP to create a Public Awareness Program that will incorporate the distribution of stormwater merchandise, the creation of PSAs, and work with RVTV and local TV news networks to bring stormwater quality issues to the attention of citizens of the Town.

Supporting Document: Roanoke Valley Regional Cable Television Committee Agreement

Measurable Goal: Document the type of public awareness method to be utilized, including the number of audience and any impact indicators that show how effective this method will have on the Town's residents' behavior.

Items to be Reported in the Annual Report:

- PSAs developed.
- Audience statistics – Numbers of participants in the annual events.
- Impact Indicator – Numbers of comments received, phone calls, etc.
- Conclusion of effectiveness of the BMP and any modification to this BMP based on the effectiveness analysis.

BMP 1-5. Town of Vinton Webpage where Citizens Can Obtain Information Concerning the Town's Stormwater Management Program, Ordinances, Design Guidelines, Contact Information, Educational Programs, and Links to Other Organizations and Web Sites

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, ordinances, design guidelines, general and contact information, pollution prevention information, educational programs, list of impaired water bodies, and links to other organizations

and sites. The website will also inform citizens of regional clean-up events, household hazardous waste and electronic 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.

TMDL Consistency: A page will be developed to highlight "Nonpoint Source Pollution" to illustrate activities that can contribute to the overall pollution problem (EC/FC) and how a citizen can prevent nonpoint source pollution through planting riparian buffer along stream banks (SED).

Responsible Party: Department of Planning and Zoning

Schedule and Evaluation: During the two permit cycles, the Town developed a stormwater webpage where citizens and visitors can obtain information concerning the Town's Stormwater Management Program. The Town proposes to continue to expand and update the website to include watershed information, floodplain management, and other water quality issues. The Town will monitor the most and least visited page to determine how to best make changes to expand the audience. The Town will submit page statistics and any intended changes to be made with annual report.

Supporting Document: None

Measurable Goal: Webpage statistics including the most and least popular materials will be analyzed for effectiveness of the website and the number of citizens' requests and/or complaints on stormwater issues received.

Items to be Reported in the Annual Report:

- Page statistics
- Intended changes
- Evaluation and resulting modification of this BMP based on results of analysis of measurable goal.

MCM 2: PUBLIC INVOLVEMENT/PARTICIPATION

This control measure is intended to implement a program that helps to inform and educate Town citizens about the components of the stormwater management program. Support from citizens is crucial for the success of the program. Town of Vinton along with Roanoke County, City of Roanoke, and Clean Valley Council (CVC), Inc. will continue to have the community involved with clean-up projects along local streams and riparian corridors through the annual Spring Clean Valley Day and Fall Waterways Cleanup.

The Town will also continue to hold its annual Special Spring Cleanup Week, where citizens are allowed to dispose of bulk items on the curb on their regular refuse collection day at no extra charge. Bulk items include unused/unwanted furniture, appliances, brush and lawn trimmings.

To get the citizens' support, the Town has and will continue to coordinate several programs to engage citizens' interest in stormwater quality as listed:

- BMP 2-1: A Storm Drain Stenciling Program with Area Schools, Organizations, and Businesses to Engage Group Involvement and Educate People about the Consequences of Dumping Waste into the Storm Drain System
- BMP 2-2: Cleanup and Environmental Events to Bring Attention to Current Stormwater Issues
- BMP 2-3: Citizens' Stormwater Advisory Committee to Provide an Approachable Environment where Ideas and Concerns Regarding the Town's Stormwater Program may be Shared and Discussed on a Regional Level
- BMP 2-4: Staff and Citizens Representatives in Regional Environmental Organization
- BMP 2-5: Post Town's VSMP MS4s General Permit Registration Statement and Annual Report on the Town's website for Citizen Access

Included in this document is a detailed description of the objective and measurable goal of each BMP, the strategies to ensure consistency with identified TMDL's, responsibility party, and schedule and evaluation of the BMP to better achieve the goals of the stormwater program. The TMDL compliance is broken down by the identified impairment type: e.coli, fecal coliform (EC/FC) and sediment (SED).

BMP 2-1. A Storm Drain Stenciling Program with Area Schools, Organizations, and Businesses

Goal: To coordinate a storm drain stenciling program with local schools, neighborhood groups, businesses, and other organizations, to stencil messages on storm drains that educate people about the consequences of dumping waste into the storm drain system.

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 or other non-stormwater waste to enter the storm drain through the road-side inlets (EC/FC).

Responsible Party: Department of Planning and Zoning

Schedule and Evaluation: During the two permit cycles, the worked with Clean Valley Council to coordinate storm drain stenciling program with area schools and nonprofit organizations. The Town finds this BMP to be an effective method of information and distribution and proposes to continue with the coordination and implementation of this BMP. The Town will continue to document the stenciling of the storm drains as an effort to enhance the education and outreach of its stormwater management program.

Supporting Document: Cooperative Agreement between the Town of Vinton and CVC, Inc.

Measurable Goal: The Town will document the number of storm drains stenciled and the groups that participated in the stenciling program. Using these numbers as indicators, the Town will evaluate the effectiveness of this BMP.

Items to be Reported in the Annual Report:

- Area of the storm drains stenciled
- Number of storm drains stenciled
- Name of the groups; number of groups participating and number of participants in each group
- Evaluation and proposed modification of this BMP based on the above items

BMP 2-2. Cleanup and Environmental Events to Bring Attention to Current Stormwater Issues

Town Staff continues to be involved in the coordination of regional cleanup and environmental events such as the annual Spring Clean Valley Day and Fall Waterways Cleanup Event; Electronic Waste Collection events; public forum on environmental issues related to water quality and impaired water bodies; Earth Summit; Better Living Expo; Town's Spring Cleanup Week; Energy Expo, and events on the area greenways.

The Town coordinated with CVC, Roanoke County, and City of Roanoke to conduct public forum meetings in conjunction of the Fall Waterways Cleanup and Energy Expo Events, describing what the three localities (Town, City, and County) are doing concerning stormwater management issues. The meetings allowed for input and concerns to be received on stormwater issues. After evaluating the success, these three Valley governments believe that combining the forum with a stormwater and/or other environmental events would improve the effectiveness of the BMP by increasing public attendance.

The Town will continue to publicize its curbside recycling program and fund the recycling collection center at the Lake Drive Plaza Shopping Center in its efforts to increase awareness about the importance of recycling. The Town will continue its Spring Special Cleanup Week

Program and Fall Waterways Event. Town staff and Town-appointed citizens are also board members of the RVRA, CVC, Roanoke Valley Greenway Commission, and Roanoke Valley Alleghany Regional Commission (RVARC), which enables special environmental events and projects to be done regionally to reduce costs and reach a wider audience.

Goal: To continue to participate in the cleanup and environmental events to address stormwater issues including impairment to the water bodies.

TMDL Consistency: At least three times a year, the Town is involved in one or more regional public events to promote and celebrate Roanoke Valley's citizens' commitment to regional water quality. In addition to litter, debris, and hazardous waste, pet waste and erosion of stream banks are common themes at each of these events since these are regional water quality issues (EC/FC, SED).

Responsible Party: Planning and Zoning Department

Schedule and Evaluation: During the two permit cycles, the Town continues to support financially and participates in the environmental events locally and regionally. The Town finds this BMP to be an effective method in involving the citizens to address stormwater issues based on the citizens' involvement and attendance in these events.

The Town proposes to participate in the public events to address stormwater issues and the Town's progress towards stormwater quality improvements. The Town will have an informational booth at these events to receive inputs from the public on their concerns about stormwater issues and the Town's stormwater management program. The events and number of participants/attendance will be documented.

Supporting Document: None

Measurable Goal: The Town will document the details of the environmental events including cleanup events, number of participants in cleanup events, and attendance. Success of this BMP will be measured by an increase in the number of attendance at public environmental events and number of participants in the cleanup events.

Items to be Reported in the Annual Report:

- Name of the Environmental Events and Cleanup Events
- Attendance and number of participants in the cleanup events
- Adjustments that are proposed to be made, if needed for the next annual period.

BMP 2-3. Citizens' Stormwater Advisory Committee to Provide an Approachable Environment where Ideas and Concerns Regarding the Town's Stormwater Program may be Shared and Discussed on a Regional Level

A group of citizens who meet with local stormwater management staff to review ordinances, TMDL's issues, local projects, informational materials and educational components of the Stormwater Management Program has been established since the first permit cycle. The Town's

representatives serve on the Regional Stormwater Citizens' Advisory Committee along with representatives from the City of Roanoke and Roanoke County. The CVC handles the meeting logistics under the direction of Town, County, and City officials.

Goal: To continue with the Citizens Stormwater Advisory Committee, along with local stormwater management officials to review stormwater management programs and plans. This group provides an approachable environment where ideas and concerns regarding the Town's stormwater management program are shared and discussed.

TMDL Consistency: Each of the stormwater citizens' advisory committee meeting focused on issues that educate the committee members on local and regional stormwater and waterways issue pertaining excess bacteria (EC/FC) and sediment loss and ways to prevent and minimize these pollutant from entering the waterways.

Responsible Party: Planning and Zoning Department and Clean Valley Council, Inc.

Schedule and Evaluation: Town proposes to continue this regional stormwater citizens' advisory committee. The Committee will continue to meet four times a year to be updated on the stormwater management program and review educational materials and components of the program. Another survey will be distributed to each member of the committee to provide feedback on the impact that each stormwater meeting has on the individual.

Supporting Document: None

Measurable Goal: Success of this BMP will be measured by the attendance of the committee members to each meeting and the feedback received on the post-meeting survey.

Items to be Reported in the Annual Report:

- Attendance of each Committee meeting
- Agenda and minutes of the meetings
- A summary of the survey
- Proposed modification to the BMP if needed.

BMP 2-4. Staff and Town Representatives Environmental Related Regional Organizations

The Town continues to have staff and/or Town citizens serve on the regional organizations such as Roanoke Valley Alleghany Regional Commission (RVARC), Clean Valley Council (CVC), Inc., Roanoke Valley Greenway Commission, Roanoke Valley Urban Forestry Council (RVUFC), Roanoke Valley Resource Authority (RVRA), and Western Virginia Water Authority (WVWA).

Goal: To continue to have staff and/or citizen representatives on environmental focused regional organizations to enable Town's participation in regional events and projects, and to increase wider involvement in environmental and stormwater quality issues.

TMDL Consistency: Each of the events makes citizens aware on the importance of taking care of the environment. The continued construction of greenways and trails in the Valley and annual event at the Roanoke River Greenway have made the residents of the Valley appreciate the trails along the local waterways for them to recreate and to keep these waterways clean from pet waste, litter, and/or excess sediment and eroded streambanks (EC/FC and SED).

Responsibility Party: Planning and Zoning Department

Schedule and Evaluation: Based on media coverage and well attended by general public of these events, the Town finds this BMP to be an effective method by having Town's representatives serve on these regional committees. The Town will continue to have staff and appointed citizens to serve on these regional environmental committees.

Measurable Goal: The Town will continue to document the public involvement and participation in these regional environmental events of annual Fall Waterways Cleanup event, Spring Clean Valley Day, E-Waste Recycling Event, Earth Day, Annual Greenway Festival by the River, Better Living Expo, and other related events.

Items to be Reported in the Annual Report:

- List and dates of regional environmental events
- Number of participants in the events
- Proposed modification to the BMP if needed, for the next annual period.

BMP 2-5. Post Town's VSMP MS4s General Permit Statement and Annual Report on the Town's website for Citizens' Access

The Town continues to post the Town's Municipal Separate Storm Sewer Systems (MS4) Program 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: To continue to post the MS4 permit application and each subsequent annual report submitted to Department of Conservation and Recreation (DCR). Each annual report will be posted on the Town's website to keep citizens current on annual evaluations of program effectiveness.

Responsible Party: Planning and Zoning Department

Schedule and Evaluation: Town proposes to post the MS4 permit application and each subsequent annual report submitted to Department of Conservation and Recreation (DCR). The information will be posted no more than 30 days after the Town receives permit approval and coverage from DCR. Each annual report will be posted to the website no more than 30 days after

annual renewal date. Any appropriate correspondence between the Town and DCR will also be posted on the website for the public to view.

Supporting Document: None

Measurable Goal: Success of this BMP will be measured by the successful posting of the MS4s permit and annual report within the 30-day period.

Items to be Reported in the Annual Report:

- Date of posting of the Town's MS4s permit
- Date of posting of the annual report
- Comments received from citizens regarding MS4s permit and annual reports.

MCM 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION

The goal of this measure is to develop, implement, and enforce a program to detect and eliminate illicit discharges to the Town's storm sewer systems. The programs that have been put in place to complete this measure are listed:

- BMP 3-1: A Town-wide Storm Sewer System Map in the GIS Database has been completed for all known locations of municipal storm sewer systems. The Town storm sewer database will be maintained through Roanoke County GIS Division, so that a map of all the public storm sewers in the Town will be available to the public.
- BMP 3-2: The Town's Illicit Discharge Ordinance – The adoption of an ordinance to prohibit illicit discharges and enforcement authority, in addition to the development of policy, procedures, reporting, and enforcement measures for illicit discharges.
- BMP 3-3: The Town's Illicit Discharge Program – The development, implementation, and enforcement program to detect and minimize illicit discharges as defined under 4VAC50-60-400 D 2 c(3) into the regulated municipal separate storm sewer systems (MS4s).

Included in this document is a detailed description of the objective and measurable goal of each BMP, the strategies to ensure consistency with identified TMDLs, implementation schedules, the responsible parties, and the supporting documents that include policies, ordinances, schedules, inspection forms, written procedures, and other documents necessary for the implementation of the BMPs. The TMDL compliance is broken down by the identified impairment type: e.coli, fecal coliform (EC/FC) and sediment (SED).

BMP 3-1. A Town-wide Storm Sewer System Map

Roanoke County GIS Division has been responsible for Town's mapping services and needs. Since 2003, under the direction of Town Planning and Zoning Department, the County has developed and continued to update the Town's storm drain map.

Goal: To continue working with Roanoke County GIS in developing and updating the storm drain map which identifies all of the municipal separate storm sewers within the Town which discharge to natural drainage ways.

TMDL Consistency: An updated and accurate storm drain map which identifies all of the municipal separate storm sewers system will help the Town in the discovery of illicit discharge connections (EC/FC) and the locations where sediment may be entering the regulated MS4 (SED).

Responsible Party: Department of Planning and Zoning Department/Roanoke County GIS Division

Schedule and Evaluation: During the second permit cycle, a storm drain map that shows the location of all known storm drain structures and outfalls was completed. The Town proposes to continue this program with Roanoke County GIS Division, by expanding and updating the storm sewer map of the Town. In addition to locating any new storm sewer outfalls, the map will also update the existing map to show the current outfalls and their associated Hydrologic Unit Code (HUC) of the waters that are being discharged to, and the names and locations of all the impaired surface waters that receive discharges from these systems. The Town will also estimate the acreage within the regulated storm sewer system discharging to each outfall.

Supporting Document: Town of Vinton Watersheds and Storm Sewer System Map

Measurable Goals: The Town will continue this program by expanding and updating the storm sewer map of the Town with Roanoke County GIS Division Assistance. Success of this BMP will be measured by meeting the goal for each reporting year. At the end of Year 1, 25% of the known storm sewer system will be expanded with the HUC, impaired water, and estimated acreage draining to the storm sewer outfall. At the end of Year 2, 50% will be updated, Year 3, 75% will be updated, and by Year 4, 100% of the outfalls will be updated with the HUC, impaired water, and estimated acreage draining to the outfall.

Items to be Reported in the Annual Report:

- Number of new structures located.
- Percent of known storm sewer system outfalls updated with HUC, impaired water, and drainage acreage.
- Analysis of progress.
- Adjustments needed to be made to the program, based on the analysis of the progress.

BMP 3-2. The Town's Illicit Discharge Program *Ordinance*

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, and an enforcement program to minimize illicit discharges and prevent illegal discharges into the storm drain system.

On November 20, 2007, the Vinton Town Council adopted Ordinance No. 865 to amend the Vinton Town Code by the adoption of Chapter 15, Stormwater Management. The Town adopted by reference Chapter 23, Stormwater Management, introduction and sections 23-1 et. Seq., of the Roanoke County Code, as such the chapter may be amended from time to time.

Illicit discharge detection, identification, and enforcement will be addressed by Town personnel as authorized under Section 23-5.7 of the Stormwater Management Ordinance.

Goal: To detect and eliminate illicit discharges in to the MS4 by developing and adopting regulations and an enforcement program to prevent illegal discharges into the storm drain system.

TMDL Consistency: An illicit discharge ordinance will greatly assist in the enforcement of the illicit discharges to the MS4 system. This legal method can help the Town in discontinuing existing connections and discouraging future illicit discharges to the system (EC/FC).

Responsible Party: Department of Planning and Zoning

Schedule and Evaluation: No modifications are planned for this BMP. The Town believes that the evaluation and the enforcement of the ordinance is an effective method in the enforcement, detection, and elimination of illicit discharges to the Town's storm sewer system.

Supporting Document: None

Measurable Goals: Success of this BMP will be measured by the continued compliance of the Town's/Roanoke County Stormwater Management Ordinance with the rules and regulations of the Virginia Department of Conservation and Recreation (DCR).

Items to be Reported in the Annual Report:

- Analysis of compliance of the stormwater management ordinance on illicit discharges.
- Proposed changes to the current ordinance are planned in order to remain in compliance with Virginia VSMP regulations.

BMP 3-3. Illicit Discharge Program to Minimize Illicit Discharges as defined under VSMP General Permit 4VAC50-60-400 D 2 c(3) into the regulated municipal separate storm sewer systems (MS4s)

Goal: To develop, implement, and enforce a program to detect and eliminate illicit discharges in the Town's storm sewer system. The Illicit Discharge Program will include the following components:

1. Procedures for locating priority areas likely to have illicit discharges.
2. Procedures for tracing the source of an illicit discharge.
3. Procedures for removing the source of the discharge.
4. Procedures for program evaluation and assessment.
5. Procedures for reporting discharges into the Town's storm sewer system.

TMDL Consistency: An illicit discharge program will assist in locating illicit discharges to the MS4 system. This method can give staff the methodology needed to screen, target and monitor the storm drain system in the efforts to discover existing illegal connections to the Town's storm drain system (EC/FC).

Responsible Party: Department of Planning and Zoning

Schedule and Evaluation: Town of Vinton and Roanoke County personnel performed a pilot project for the detection of illicit discharges in a commercial area and a residential subdivision

during the summer and early fall of 2011. This project was a successful training technique, but no illicit connections were found.

Supporting Document: None

Measurable Goals: The Town has developed procedures to detect, address, and report illicit discharges that enter the Town's separate storm sewer system. The illicit discharge ordinance (BMP 3-2) includes procedures to address illicit discharges through enforcement process. Success for this BMP will be measured by the successful completion of the screening factors determination; desktop determination of illicit discharge potential; and continuation of field screening and indicator monitoring.

Items to be Reported in the Annual Report: The steps the Town has taken in the process of developing, implementing, and enforcing a program to detect illicit discharges will be included in the annual report.

Outfall Reconnaissance Program Update: The completed storm sewer mapping showed that the Town has a total of 83 outfalls. The Town has identified 62 outfalls requiring reconnaissance because they are located within watersheds for TMDL streams for which a WLA has been assigned. In order to make this process more efficient, the Town plans to set up a data collection system utilizing a mobile tabular device and GIS Database to find and record each outfall reconnaissance visit and its findings.

| Surface Water | Total Outfalls |
|-------------------------|-----------------------|
| Glade Creek Watershed | 41 |
| Tinker Creek Watershed | 12 |
| Roanoke River Watershed | 9 |
| Wolf Creek Watershed | 21 |

MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

*** The implementation of this MCM and its associated BMPs will be the responsibility of Roanoke County Department of Community Development in conjunction with Vinton Planning and Zoning Department.**

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 3, 2007, the Vinton Town Council adopted Ordinance No. 847 to amend the Vinton Town Code by the adoption of Chapter 15.1 known as the “Erosion and Sediment Control and Steep Slope Development of the Town of Vinton”, by referencing County of Roanoke Code, Chapter 8.1. Erosion and Sediment Control and Steep Development, as amended.

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 MCM is to implement and enforce a program that will reduce pollutants in stormwater runoff to the regulated municipal separate storm sewer system from construction sites and activities. The programs that have been established by the County and supported by the Town to meet this MCM measure are listed below:

- BMP 4-1: Erosion and Sediment Control (ESC) Ordinance
- BMP 4-2: Erosion and Sediment Control Ordinance Certification
- BMP 4-3: Land Development Site Plan Review Procedures and Evaluation

Town Staff continues to work cooperatively with Roanoke County in the implementation of this measure including: the review of the County’s ESC ordinance; notification of any land disturbance without any permit; site and subdivision plans review process; and in the issuance of any land disturbance permit in the Town Limits. 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 plans must be submitted to the Planning and Zoning Department and be distributed to appropriate persons for comments and review.

The Planning and Zoning Director, who is also serves as the Town’s Development Review Coordinator, is responsible for the review coordination, including providing written comments pertaining site plans received from applicable departments and state agencies. Currently, the Town’s engineering firm on retention is responsible for the review of the stormwater management requirements. **Section 23-5.3 Water Quality**, of the stormwater ordinance, states the criterion that must be addressed for stormwater management at all land-disturbing activities.

The property owner/developer is also notified by the Development Review Coordinator in writing that the Department of Conservation and Recreation (DCR) requires that any land disturbance of one (1) acre or greater obtain a Virginia Stormwater Management Program (VSMP) permit through the DCR office. The VSMP permit must be applied for two (2) days prior to any land disturbance on the property. A copy of the application, the check, and the Stormwater Pollution Prevention Plan (SWPPP) must be submitted to the Town of Vinton Planning and Zoning Department. In June 2011, the Town and Roanoke County started a

discussion in establishing a Memorandum of Understanding (MOU) for the County to provide stormwater management plan review services.

Included in this document is a detailed description of the objective and measurable goals of each BMP, the strategies to ensure consistency with identified TMDL's, the status of the Town's compliance with each BMP, and an evaluation of the BMP to better achieve the goals of the stormwater program. The TMDL compliance is broken down by the identified impairment type: e.coli, fecal coliform (EC/FC) and sediment (SED).

BMP 4-1. Erosion and Sediment Control (ESC) Ordinance

Goal: To maintain an ESC ordinance that will reduce pollutants in the stormwater runoff to the storm sewer system from construction activities. These regulations, included in the ESC ordinance require erosion and sediment controls as well as sanctions to ensure compliance under Roanoke County/Town of Vinton law. The ordinance requires E & S controls for all 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 E & S Plan will require construction site operators to implement appropriate ESC best management practices specific to the site. Site inspection and enforcement actions are also incorporated in the ESC Ordinance.

TMDL Consistency: This ordinance targets reducing sediment (SED) in stormwater runoff from construction sites. These regulations require ESC BMPs on the site as well as sanctions to ensure compliance, under the County/Town ESC law.

Responsibility Party: Town of Vinton Department of Planning and Zoning and Roanoke County Department of Community Development

Schedule and Evaluation: On April 3, 2007, the Vinton Town Council adopted Ordinance No. 847 to amend the Vinton Town Code by the adoption of Chapter 15.1 known as the "Erosion and Sediment Control and Steep Slope Development of the Town of Vinton", by referencing County of Roanoke Code, Chapter 8.1. Erosion and Sediment Control and Steep Development, as amended. Roanoke County's Code **Section 8.1-2. Applicability of chapter in the Town of Vinton**, states that "The provision of this chapter shall be applicable within the corporate limits of the Town of Vinton. Administrative procedures and review fees may be established to accommodate the review of plans for development located within the Town."

The Town believes that the ESC ordinance is critical component in reducing pollutants in stormwater runoff to the regulated small MS4 storm sewer system from construction activities. The County's ESC ordinance is fully compliant with the state requirements that land disturbance greater than one acre must be regulated.

Supporting Document: None

Measurable Goal: The Town along with Roanoke County will continue to evaluate the ESC ordinance to keep it in compliance with any changes to regulations being made at the state level.

Items to be Reported in the Annual Report:

- Analysis of compliance of the Roanoke County ESC Ordinance.
- Any changes that are planned to the ESC Ordinance to continue to remain in compliance with Virginia State regulations.
- Total number of regulated land disturbing activities.
- Total acreage disturbed.

BMP 4-2. Erosion and Sediment Control (ESC) Certification

Goal: To identify current ESC certified County employees and develops a program for additional certification and cross-training.

TMDL Consistency: This program identified County employees that need ESC training and tracks their certifications to determine if they have lapsed in their required training and certifications. This program minimizes the locality's site erosion potential by educating the employees on correct E & S procedures and policy (SED).

Responsible Party: Town of Vinton Department of Planning and Zoning and Roanoke County Department of Community Development

Schedule and Evaluation: The County of Roanoke has continued to allocate personnel for plan review and inspection. The County has maintained ESC Certified employees to be involved in the plan review, inspection, and enforcement processes. The Town has been informed that the County proposed to continue this program to identify the positions needing a certified E&S employee and to identify those employees currently certified in ESC practices.

Supporting Document: None

Measurable Goals: Success of this BMP will be measured by the County maintaining current E&S Certifications for all the County positions that are identified as needing an E&S certification.

Items to be Reported in the Annual Report:

- Number and title of position needing an E&S certification.
- List of employees and titles that have current E&S certification.
- Total number of positions identified as in need of E&S certification.

BMP 4-3. Land Development Site Plan Review Procedures and Evaluation

Any proposed development, re-development, and/or addition meeting certain criteria will require that site plans be submitted for review and approval, as stated in the Town's and County's codes. Town of Vinton and Roanoke County key personnel have met several times since June 2012, to discuss a Memorandum of Understanding (MOU) between Vinton Town Council and Roanoke County Board of Supervisors, for the County of Roanoke to provide stormwater management

plan review services for the Town. Both Town and County administrators and key personnel met on March 21, 2013, and agreed to forward the MOU to the elected governing bodies for their approval. It is anticipated that this MOU will be approved and become effective July 1, 2013.

Goal: To ensure that the procedures for site plan review incorporate considerations for water quality impacts by addressing the most current local stormwater management regulations which are outlined in the Roanoke County/Town of Vinton Stormwater Management Ordinance.

TMDL Consistency: The land development procedures list the steps needed for a site plan to meet the state and local ESC and permanent stormwater requirements. Keeping these procedures in compliance with any changes at the state level guarantees that site plans are reviewed by the Town and County with the most current regulations available. This program minimizes erosion and flooding potential due to the benefit of an educated engineering design team and construction crew on the Town public and private land development sites (SED).

Responsible Party: Town of Vinton Department of Planning and Zoning and Roanoke County Department of Community Development per agreed MOU.

Schedule and Evaluation: The Land Development Procedures document gives detailed instructions as to the required information needed to be incorporated in the development plan for review and approval. The Town and the County will continue to update the Land Development Procedures to ensure that the site plan review requirements and process are consistent with the most recent stormwater management regulations. As state stormwater management regulations change, the local ordinance must also be changed, and keeping the Land Development Procedures up to date makes the procedures a useful tool to utilize when developing a site.

Supporting Document: Draft MOU between the Town of Vinton and Roanoke County for the Stormwater Management Plan Review Services

Measurable Goal: Success of this BMP will be measured by the evaluation of the Land Development Procedures and its continuous consistency with the Roanoke County/Town of Vinton Stormwater Ordinance and the regulations set forth and enforced by the VA DCR.

Items to be reported in the Annual Report:

- Analysis of compliance of the Land Development Procedures
- Any changes that are planned to the Land Development Procedures to continue to remain in compliance with Roanoke County/Town of Vinton SWM ordinance and Virginia State regulations.

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

The Town 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 programs that have been established to complete this measure are listed below:

- BMP 5-1: Stormwater Management Ordinance and Design Manual
- BMP 5-2: Stormwater Management Facility Inspection Program
- BMP 5-3: Low Impact Development (LID) Principles, Techniques, and Strategies

The Town will work with Roanoke County to develop programs to address the post-construction runoff with structural and nonstructural BMPs on a regional level to address the stormwater quality and impairment of water bodies.

Included with this document is detailed description of each BMP, the objective, the measurable goals and implementation schedules, the responsible parties, and support documents that include policies, ordinances, schedules, inspection forms, written procedures, or other documents necessary for the implementation of the BMPs.

BMP 5-1. Stormwater Management Ordinance and Manual

Goal: To adopt and enforce an ordinance and design manual that requires stormwater runoff to be addressed. These documents ensure that controls are in place that would prevent or minimize water quality and quantity impacts due to new development and development on prior developed lands.

TMDL Consistency: This legal document and design manual targets reducing the quantity and improving the quality of stormwater runoff from new development, redevelopment, and existing developed areas. This manual and ordinance protects against erosion from stream banks, construction sites, developed areas, and redeveloped area (SED).

Responsibility Party: Department of Planning and Zoning

Schedule and Evaluation: On November 20, 2007, the Vinton Town Council adopted Ordinance No. 865 to amend the Vinton Town Code by the adoption of Chapter 15, Stormwater Management. The Town adopted by reference Chapter 23, Stormwater Management, introduction and sections 23-1 et. Seq., of the Roanoke County Code, as such the chapter may be amended from time to time. The SWM Ordinance and Manual provide the regulations needed to require development projects to address water quality and quantity. Both documents are in compliance with the VA SWM Act and attended regulations and encourage the use of low impact development.

The Town started enforcing the stormwater ordinance and manual after adopting by reference Roanoke County Stormwater Management Ordinance and Manual on January 1, 2008. The

stormwater management ordinance regulates new development and redevelopment projects of 5,000 square feet and larger. The stormwater management design manual details structural and non-structural best management practices (BMPs) that are appropriate for Roanoke Valley region. The ordinance requires the designation of a responsible party who is legally bound to inspect and maintain the best management practices for the life of the BMP.

Supporting Document: None

Measurable Goal: Supporting for this BMP will be measured by an annual evaluation of the SWM ordinance and the SWM design manual.

Items to be Reported in the Annual Report:

- Analysis of compliance of the SWM ordinance and design manual.
- Any changes that are planned to the SWM ordinance to continue to remain in compliance with federal and VA State Regulations.

BMP 5-2. Stormwater Management Facility Inspection Program

Town of Vinton and Roanoke County key personnel have met several times since June 2012, to discuss a Memorandum of Understanding (MOU) between Vinton Town Council and Roanoke County Board of Supervisors, for the County of Roanoke to provide post-construction inspection of stormwater facilities services for the Town. Both Town and County administrators and key personnel met on March 21, 2013, and agreed to forward the MOU to the elected governing bodies for their approval. It is anticipated that this MOU will be approved and become effective July 1, 2013.

Goal: To enforce procedures for the stormwater management facility inspection program.

TMDL Consistency: Continuing to track and inspect permanent stormwater management facilities is vital for the long term success of the facilities and the prevention of sediment and other pollutants from being transported into the local streams and river (SED).

Responsible Party: Town of Vinton Department of Planning and Zoning and Roanoke County Department of Community Development per agreed MOU.

Schedule and Evaluation: The Town has conducted an inventory of the structural runoff controls and has developed procedures for the stormwater management facility inspection program. Continuing to track and inspect permanent stormwater management facilities is vital for the long term success of the facilities and the prevention of sediment and other pollutants from being transported into the local streams and river.

Supporting Document: Draft MOU between the Town of Vinton and Roanoke County for the Stormwater Management Plan Review Services and Stormwater Facility Maintenance Agreement.

Measurable Goals: Currently, the Town has a total 48 known permanent stormwater facilities. Success of this BMP will be the successful inspection program of the known stormwater facilities on schedule.

Items to be Reported in the Annual Report:

- Number of known stormwater management facilities in the inventory.
- Number of inspections performed.
- Evaluation of program and any modifications to the program to improve the inspection program effectiveness.

BMP 5-3. Low Impact Development (LID) Utilization

Goal: To encourage and identify development projects that utilize Low Impact Development (LID) strategies.

TMDL Consistency: This LID program encourages development projects that utilize LID strategies which is an important way to prevent the deposition of sediment (SED) and other pollutants into the waterways.

Responsible Party: Department of Planning and Zoning

Schedule and Evaluation: The Town will continue to encourage LID in the Town and will track the number, size, and HUC of LID in the Town Limits. The use of LID will help minimize the reliance on expensive structural practices that require ongoing maintenance to remain effective. LID practices will prevent the deposition of sediment and other pollutants into the waterways.

Measurable Goals: The Town will continue to work with Roanoke County Department of Community Development personnel and development community to identify and encourage development projects that utilize Low Impact Development (LID) principles, techniques, and strategies. The Town will be updating its zoning and subdivision ordinances in the near future to incorporate LID principles, techniques, and strategies. The Town understands that LID strategies will help to minimize the reliance on expensive structural practices that require ongoing maintenance to remain effective.

Items to be Reported in the Annual Report:

- Number and size of Low Impact Development (LID).
- The associated HUC for each development utilizing LID.
- Total number of the Town of Vinton project(s) that utilized LID.

MCM 6: POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

The main goal of the pollution prevention and good housekeeping program is to reduce pollutant runoff from the Town's operations. The Town needs to continue to evaluate its facilities and also provide education and training programs that will educate Town employees about pollution prevention and hazardous waste. The programs that continue to be established to meet this measure are listed below.

- BMP 6-1: Spill Prevention and Control Plans for the Town Facilities
- BMP 6-2: Storm Sewer Systems Maintenance Program
- BMP 6-3: Street Sweeping and Leaf Collection Programs
- BMP 6-4: Pollution Prevention and Hazardous Waste Training
- BMP 6-5: Household Hazardous Waste Collection Events

Included in this document is a detailed description of the objective and measurable goals of each BMP; implementation schedules, the responsible parties; the strategies to ensure consistency with identified TMDL's; an evaluation of the BMP; and support documents that include policies, ordinances, schedules, inspection forms, written procedures, other necessary for the implementation of this program. The TMDL compliance is broken down by the identified impairment type: e.coli, fecal coliform (EC/FC) and sediment (SED).

BMP 6-1. Spill Prevention and Control Plans for the Town Facilities

Goal: To develop and update Spill Prevention and Control Plan for all of the Town's municipal facilities. Each facility will be evaluated for the potential of illicit discharges from storage yards, outdoor storage areas, waste transfer station, fleet or maintenance shops and other municipal facilities. The disposal method for waste materials will be evaluated. Soluble or erodible materials will be analyzed and protected from exposure to precipitation. The application of fertilizers and pesticides will be examined to meet manufacturer's recommendations. Any operation that has potential to discharge material into the separate storm sewer system will be examined for potential unwanted discharge. These plans will be updated and annual training will be completed.

TMDL Consistency: This program minimizes the potential for pollution spills to enter the Town's storm drain system. Having updated plans will aid in the education of Town employees that are in areas with some risk of pollution spills.

Responsible Party: Departments of Planning and Zoning, Human Resources, and Public Works Department

Schedule and Evaluation: This BMP is considered to be an effective method of evaluating and eliminating potential illicit discharges from Town's facilities, and preventing spills from entering the storm sewer system from a Town's facility. The Town proposes to develop spill prevention and pollution control plans for all existing town's facilities. Trainings for associated facilities will be conducted for the Town's employees affected by the spill prevention plan.

Supporting Documents: None

Measurable Goals: Success of this BMP will be the development of Spill Prevention and Pollution Control Plan. The plans for an accidental spill at any of these sites would include a normal response by the Vinton Fire Department for containment. Then it will be turned over to a private hazardous waste material contractor, either LCM or WEL, for clean-up. Notification will be sent to VDEM, DEQ, and DCR.

Items to be Reported in the Annual Report:

- Spill Prevention and Pollution Control Plan for each Town's facility.
- Complete Spill Prevention and Pollution Control Plan for all existing Town's facilities.
- List of completed Spill Prevention and Pollution Control Plan.
- Evaluation of Spill Prevention and Pollution Control Plan.

BMP 6-2. Storm Sewer Systems Maintenance Program

Goal: To continue to actively maintain the Town's storm sewer system. Keeping the storm sewer system properly maintained is very important for the Town because it keeps the regulated storm sewer working as designed, minimizing the potential for flows to surcharge or surpass the capacity of the regulated storm sewer system. The maintenance crews also have the potential of discovering illicit connections and additional areas where hazardous waste may be entering the regulated storm sewer system.

TMDL Consistency: This program is responsible for maintaining the regulated storm sewer system. This program involves cleaning up storm inlets, fixing eroded areas around storm drains and inlets to minimize sediment being eroded and washed into channels and streams (SED). This program also increases the potential for discovering illicit connections to the storm drain system (EC/FC).

Responsible Party: Public Works Department

Schedule and Evaluation: During the two permit cycles, the Town has successfully maintained a program for the maintenance of the storm sewer system. The Town will continue to maintain this program of maintaining and repairing its storm sewer system to keep the system functioning properly. By being in the field, increases the opportunity to discover potential illicit discharge connections to the storm drain system.

Supporting Document: None

Measurable Goal: The success of this BMP will be measured by the continuation of this program and the increase in total value of improvements that have been completed to maintain the storm sewer system.

Items to be Reported in the Annual Report:

- Total expenditures for labor, materials, and equipment to maintain the storm sewer system on an annual basis.
- Number of large projects completed.
- Number of small projects and/or emergency projects completed.

BMP 6-3. Public Street Sweeping and Vacuuming Program and Leaf Collection Program

Goal: To maintain an effective street sweeping and vacuuming program and the leaf collection program.

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 contaminated with pet waste from entering storm sewer system (EC/FC).

Responsible Party: Public Works Department

Schedule and Evaluation: Town will continue to maintain the street sweeping and vacuuming program and the leaf collection program. This program of collections of roadway contaminants, sediment, debris, leaf, yard waste, prevents them from entering the Town’s storm sewer collection system.

Supporting Document: None

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. The 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. Additionally, with the street sweeper being configured to vacuum debris from drainage inlet continues to optimize both the use and effectiveness of the Town single street sweeper and achieves desired results.

Success of this BMP will be measured mileage of streets swept; amount of debris vacuumed from drainage inlets; amount of leaf collected; and total expanses of street sweeping and leaf collection programs.

Items to be Reported in the Annual Report:

- Total mileage of streets swept.
- Total expense of the street sweeping program.
- Total expense of the leaf collection program.

BMP. 6-4. Pollution Prevention and Hazardous Waste Training Programs for Town Employees

Goal: To develop and maintain pollution prevention and hazardous waste training for Town employees and grounds maintenance workers.

TMDL Consistency: This program makes sure that all Fire and Rescue personnel maintains basic hazardous waste training to prevent mishandling of hazardous materials in ways that could be detrimental to the environment. The program is also responsible for education Town employees on environmental awareness and management training. This effort targets every employee, whether they are in a high risk field or not about some good housekeeping practices. This program will train every employee to be the eyes and ears of pollution prevention. This will increase the likelihood that any potentially hazardous situation will be brought to the attention of a supervisor and adequately addressed (EC/FC, SED).

Responsible Party: Department of Human Resources; Public Works Department; and Fire and EMS Department.

Schedule and Evaluation: The Town currently maintains basic hazardous waste training for Fire and Rescue and Emergency Management Services (EMS) paid and volunteer personnel. The Town considers this BMP to be successful and proposes to continue with this program. The Town will continue the pollution prevention and environmental awareness training for all Town employees. The Human Resources Manager and Public Works Administrative Assistant will be responsible to ensure the Town employees receive environmental awareness and management training.

Supporting Document: None

Measurable Goal: The success of this BMP will be measured by the total number of employees trained.

Items to be Reported in the Annual Report:

- Total number of Town's employees that have received training.
- Total number of new Town's employees that received training.

BMP 6-5: Household Hazardous Waste Collection Event

Goal: To encourage and identify strategies and events to help citizens dispose of household materials and waste that could be hazardous to dispose of in bulk landfills.

Responsible Party: Department of Planning and Zoning and Roanoke Valley Resource Authority (RVRA)

Schedule and Evaluation: Since 2009, a permanent household hazardous waste facility was made available at the Roanoke Valley Resource Authority (RVRA). The facility is open on the

third Saturday of each month, giving citizens in the Roanoke Valley opportunities to dispose of their hazardous materials year-round rather than during three regional collection events offered in the past. The Town considers this BMP to be successful and proposes to continue with the funding to keep the monthly collection at the RVRA facility. This monthly collection makes it easier for citizens to dispose of their household hazardous materials and waste. The Town continues to advertise this monthly hazardous waste collection on its website to increase participation to keep hazardous wastes from being disposed inappropriately into the Roanoke Valley streams and river.

Supporting Document: Agreement between Town of Vinton and Roanoke Valley Resource Authority (RVRA)

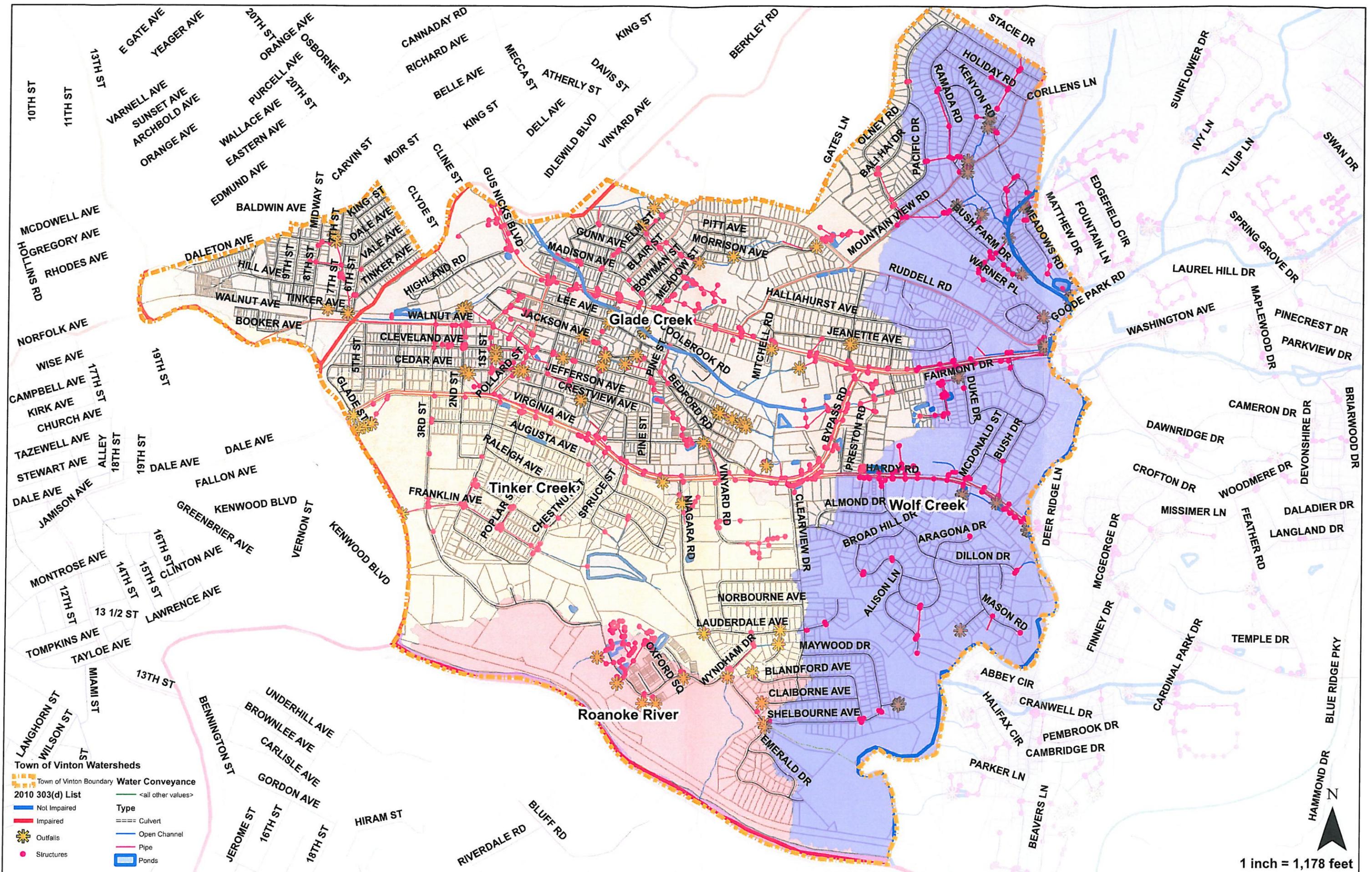
Measurable Goals: The success of this BMP will be measured by the continued participation in the collection of hazardous waste; types and amount of each hazardous waste collected.

Items to be Reported in the Annual Report:

- Number of participants participate in the collection of the hazardous waste.
- Types and amount of each hazardous waste collected.

Table 1: Town of Vinton Watersheds HUC's, Impaired Receiving Waters, and Drainage Areas

| 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 |



1 inch = 1,178 feet



Table 2: Wasteload Allocations for the Town of Vinton Watershed with Completed TMDLs

| TMDL Waterways and Tributaries* | Year Completed | Parameter | WLA |
|--|-----------------------|-----------------------|-------------------|
| <i>Tinker Creek Watershed</i> | 2004 | E.Coli (EC) | |
| Glade Creek | | | 8.78E+10 cfu/year |
| Tinker Creek | | | 3.42E+11 cfu/year |
| <i>Roanoke River Watershed</i> | 2006 | E.Coli (EC) | |
| Roanoke River | | | 3.32E+10 cfu/year |
| <i>Roanoke River Watershed</i> | 2006 | Sediment (SED) | |
| Roanoke River | | | 128 tons/year |

*This information is based upon DEQ list of approved and draft TMDL's at <http://www.deq.state.va.us/tmdl/develop.html> for streams located within the urbanized Town of Vinton as define by the 2012 Census

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

| INDICATOR | CHECK if Present | DESCRIPTION | RELATIVE SEVERITY INDEX (1-3) | | |
|---|--------------------------|--|---|---|---|
| Odor | <input type="checkbox"/> | <input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other: | <input type="checkbox"/> 1 – Faint | <input type="checkbox"/> 2 – Easily detected | <input type="checkbox"/> 3 – Noticeable from a distance |
| Color | <input type="checkbox"/> | <input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: | <input type="checkbox"/> 1 – Faint colors in sample bottle | <input type="checkbox"/> 2 – Clearly visible in sample bottle | <input type="checkbox"/> 3 – Clearly visible in outfall flow |
| Turbidity | <input type="checkbox"/> | See severity | <input type="checkbox"/> 1 – Slight cloudiness | <input type="checkbox"/> 2 – Cloudy | <input type="checkbox"/> 3 – Opaque |
| Floatables -Does Not Include Trash!! | <input type="checkbox"/> | <input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other: | <input type="checkbox"/> 1 – Few/slight; origin not obvious | <input type="checkbox"/> 2 – Some; indications of origin (e.g., possible suds or oil sheen) | <input type="checkbox"/> 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials) |

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

| INDICATOR | CHECK if Present | DESCRIPTION | COMMENTS |
|---------------------|--------------------------|---|----------|
| Outfall Damage | <input type="checkbox"/> | <input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion | |
| Deposits/Stains | <input type="checkbox"/> | <input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other: | |
| Abnormal Vegetation | <input type="checkbox"/> | <input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited | |
| Poor pool quality | <input type="checkbox"/> | <input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other: | |
| Pipe benthic growth | <input type="checkbox"/> | <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: | |

Section 6: Overall Outfall Characterization

Unlikely
 Potential (presence of two or more indicators)
 Suspect (one or more indicators with a severity of 3)
 Obvious

Section 7: Data Collection

| | | |
|--------------------------------|-------------------------------|--|
| 1. Sample for the lab? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. If yes, collected from: | <input type="checkbox"/> Flow | <input type="checkbox"/> Pool |
| 3. Intermittent flow trap set? | <input type="checkbox"/> Yes | <input type="checkbox"/> No If Yes, type: <input type="checkbox"/> OBM <input type="checkbox"/> Caulk dam |

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?



TOWN OF VINTON

311 S. POLLARD STREET
VINTON, VIRGINIA 24179

PHONE: (540) 983-0601

FAX: (540) 983-0621

EMAIL: amcmillan@vintonva.gov

ANITA MCMILLAN
PLANNING AND ZONING DIRECTOR

March 28, 2013

Mr. David Henderson, PE
Roanoke County Engineer
P. O. Box 29800
Roanoke, VA 24018

Re: Town of Vinton VSMP MS4 General Permit No. VAR040026

Dear David:

The Town of Vinton is located outside the limits of the City of Roanoke and is within County of Roanoke. The Town and these two localities are regulated small MS4s. The majority of Town of Vinton's watersheds including Glade Creek, Tinker Creek, Wolf Creek, and Roanoke River drain directly into the Roanoke River, which flows west to east through all these regulated MS4's.

The Town of Vinton is currently updating its MS4 Program Plan and in this process, the Town is required to inform all other regulated small MS4's that the Town is a physically interconnected MS4. This means that part of Town of Vinton's regulated municipal separate storm sewer system discharges directly into a storm sewer regulated by the City of Roanoke.

Please give me a call at 983-0601 or email me at amcmillan@vintonva.gov, if you have any questions or concerns regarding this notification.

Sincerely,

Anita J. McMillan
Planning and Zoning Director



TOWN OF VINTON

311 S. POLLARD STREET
VINTON, VIRGINIA 24179

PHONE: (540) 983-0601

FAX: (540) 983-0621

EMAIL: amcmillan@vintonva.gov

ANITA MCMILLAN
PLANNING AND ZONING DIRECTOR

March 28, 2013

Mr. Christopher Blakeman, MS, REM
City of Roanoke Environmental Administrator
215 Church Avenue, SW
Municipal South, Room 350
Roanoke, VA 24011

Re: Town of Vinton VSMP MS4 General Permit No. VAR040026

Dear Christopher:

The Town of Vinton is located outside the limits of the City of Roanoke and is within County of Roanoke. The Town and these two localities are regulated small MS4s. The majority of Town of Vinton's watersheds including Glade Creek, Tinker Creek, Wolf Creek, and Roanoke River drain directly into the Roanoke River, which flows west to east through all these regulated MS4's.

The Town of Vinton is currently updating its MS4 Program Plan and in this process, the Town is required to inform all other regulated small MS4's that the Town is a physically interconnected MS4. This means that part of Town of Vinton's regulated municipal separate storm sewer system discharges directly into a storm sewer regulated by the City of Roanoke.

Please give me a call at 983-0601 or email me at amcmillan@vintonva.gov, if you have any questions or concerns regarding this notification.

Sincerely,

Anita J. McMillan
Planning and Zoning Director



TOWN OF VINTON

311 S. POLLARD STREET
VINTON, VIRGINIA 24179

PHONE: (540) 983-0601

FAX: (540) 983-0621

EMAIL: amcmillan@vintonva.gov

ANITA MCMILLAN
PLANNING AND ZONING DIRECTOR

March 28, 2013

Robert H. Cary, PE, District Administrator
Salem Residency
714 S. Broad St.
Salem, VA 24153

Re: Town of Vinton VSMP MS4 General Permit No. VAR040026

Dear Mr. Cary:

The Town of Vinton is located outside the limits of the City of Roanoke and is within County of Roanoke. The Town and these two localities are regulated small MS4s. The majority of Town of Vinton's watersheds including Glade Creek, Tinker Creek, Wolf Creek, and Roanoke River drain directly into the Roanoke River, which flows west to east through all these regulated MS4's.

The Town of Vinton is currently updating its MS4 Program Plan and in this process, the Town is required to inform all other regulated small MS4's that the Town is a physically interconnected MS4. This means that part of Town of Vinton's regulated municipal separate storm sewer system discharges directly into a storm sewer regulated by the City of Roanoke.

Please give me a call at 983-0601 or email me at amcmillan@vintonva.gov, if you have any questions or concerns regarding this notification.

Sincerely,

Anita J. McMillan
Planning and Zoning Director



TOWN OF VINTON

311 S. POLLARD STREET
VINTON, VIRGINIA 24179

PHONE: (540) 983-0601

FAX: (540) 983-0621

EMAIL: amcmillan@vintonva.gov

ANITA MCMILLAN
PLANNING AND ZONING DIRECTOR

March 28, 2013

Ms. Ginny Snead, P.E.
Stormwater Regulatory Programs Manager
Virginia Department of Conservation and Recreation
900 East Main Street, 8th Floor, Pocahontas Building
Richmond, VA 23219-3558

**Re: Town of Vinton VSMP Small MS4s Permit No. VAR040026
VSMP General Permit Registration Statement and MS4 Program Plan for
Stormwater Discharges from Small Municipal Separate Storm Sewer System**

Dear Ms. Snead:

Attached to this letter, please find the Town of Vinton's completed VSMP General Permit Registration Statement and a copy of the currently implemented MS4 Program Plan. The completed application package will serve as the reissuance request for the Town of Vinton MS4 Permit Number VAR040026 for general permit coverage for the period of July 1, 2013, through June 30, 2018.

Vinton encourages the involvement of its residents, property owners, and business owners, as well as the local development community, in the implementation of its stormwater management program. In cooperation with Roanoke County, City of Roanoke, and Clean Valley Council, the Town continues to actively place special emphasis on providing education about the stormwater program to school-age children and the general public.

I really appreciate your assistance with this program. Should you have any questions pertaining to this submittal, please contact me at (540) 983-0601 or by email at amcmillan@vintonva.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Anita J. McMillan', is written over a horizontal line.

Anita J. McMillan
Planning and Zoning Director

Attachments

c: Christopher S. Lawrence, Town Manager
Mason Harper, VA DCR MS4 Permit Writer