



DUMFRIES, VIRGINIA

Virginia's Oldest Continuously Chartered Town

CHARTERED 1749 INCORPORATED 1961

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September 30, 2011

Department of Conservation and Recreation
Division of Soil and Water Conservation
Stormwater Permitting
203 Governor Street, Suite 206
Richmond, VA 23219

Attention: Mr. Fritz

RE: VSMP MS4 General Permit Annual Report
General Permit Registration Number VAR040117

Mr. Fritz:

The Town of Dumfries is pleased to submit our VSMP MS4 General Permit Annual Report.

Thank you for the support you have given the Town in the past. The Town truly appreciates you sharing resources and implementation ideas with us. Our annual report is attached; please contact me with any questions or comments you may have at (703) 221-3400 ext. 117

Sincerely,

Gregory M. Tkac

Director of Public Works

Town of Dumfries



MS4 General Permit Annual Report

Report Period July 1, 2010 – June 30, 2011

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INTRODUCTION

The Town of Dumfries comprises approximately 1.6 square miles of urban mixed use land development located approximately 25 miles south of Washington, D.C. The sole watershed area, Quantico Creek, discharges into the Potomac River.

This report addresses items of the Town of Dumfries MS4 Program pertinent to the Virginia General Permit for Discharges from Small Municipal Storm Sewer Systems.

BACKGROUND INFORMATION

Name: Town of Dumfries Municipal Separate Storm Sewer System

Permit Number: VAR040117

Reporting Period: July 1, 2010 – June 30 2011

Modifications: None

New Outfalls and

Associated Acreage: None

MS4 OWNER: TOWN OF DUMFRIES

PERMIT NUMBER: VAR040117

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: Gregory Tkac

Title: Director of Public Works

Signature: _____

Date: September 30, 2011

STATUS OF COMPLIANCE

Public Education and Outreach on Stormwater Impacts:

- ⊕ Working with the Northern Virginia Clean Water Partners, aired a total of over 1,000 radio ads which aired on 8 radio stations.
- ⊕ Published and distributed four newsletters to 3,061 town residents and businesses. The first two newsletters included articles geared toward school aged children.

Public Involvement and Participation:

- ⊕ The Town participated in the annual cleanup, working in Quantico Creek. Because of turnover in personnel, data on the cleanup is not available.
- ⊕ The MS4 Program Plan was made available to the public during the budget review process. No comments were received regarding the plan.

Illicit Discharge Detection and Elimination:

- ⊕ Because of budgetary and personnel constraints, the tracking base, Stormwater Line, dry weather inspections and existing storm sewer system map update will be performed during the next reporting period.

Construction Site Stormwater Runoff Control:

- ⊕ The Town, through the Director of Public Works, maintained an erosion and sediment Control Program consistent with Virginia Regulations. The Director of Public Works is a Certified Combined Administrator.

Post-Construction Stormwater Management:

- ⊕ The Town maintained its log of all known permanent BMPs installed in the Town after January 2003. No additional BMPs entered into the Town's tracking system during the reporting period.

Pollution Prevention and Good Housekeeping:

- ⊕ The Town provided chemical deicing application training to Town staff.
- ⊕ 390 lane miles of street were swept, based on all streets being swept monthly and roughly half of the streets being swept twice a month.

INFORMATION COLLECTED AND ANALYZED

No information was collected or analyzed during the reporting period.

PLANNED STORMWATER ACTIVITIES DURING THE NEXT REPORTING PERIOD

See Appendix A.

BMP MODIFICATIONS

See Appendix A.

NOTICE OF EXTERNAL ASSISTANCE

The Town MS4 Program is under the supervision of the Town of Dumfries Department of Public Works; other Town departments provide assistance (see Appendix A). The Town participates in the Northern Virginia Clean Water Partners Regional Storm Water Education Campaign to produce radio ads

PROPOSED PROGRAMS

The Town does not currently have any programs that are seeking approval status pursuant to Section II C of the General Permit.

SECTION I B 9 REQUIREMENTS

The Town has no WLAs currently assigned.

ILLICIT DISCHARGES

There were no illicit discharges during the reporting period.

LAND DISTURBANCE

There was no regulated land-disturbing activity within the Town during the reporting period.

PERMANENT STORMWATER MANAGEMENT FACILITIES

See Appendix B.

AGREEMENTS

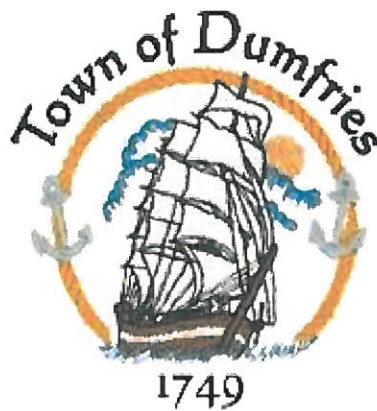
There were no new or terminated signed agreements between the Town and any applicable third parties.

WRITTEN COMMENTS

There were no public comment periods regarding either the MS4 Program Plan or modifications to the Plan.

APPENDIX A

Town of Dumfries



MS4 General Permit Annual Report

Report Period July 1, 2010 – June 30, 2011

PUBLIC EDUCATION and OUTREACH on STORMWATER IMPACTS							
BMP	PROGRAM TASK	MEASURABLE GOAL/ANTICIPATED ACHIEVMENT	YEAR 3	YEAR 4	YEAR 5	LEAD RESPONSIBILITY	SUPPORT
1.1 Increased Household Knowledge	The town of Dumfries will participate in the Northern Virginia Clean Water Partners Regional Storm Water Education Campaign for each calendar year.	To produce 5 radio ads to air on 5 radio stations totalling 500 times a year.	Q4	Q4	Q4	Department of Public Works	Northern Virginia Regional Commission
1.2 Increased public employee, business, and general public knowledge	Publish Public Works news article semiannually. Each article will address stormwater issues such as recycling, yard waste collection, and hazardous waste handling.	Publish 2 newsletters a year.	Q2	Q2	Q2	Department of Public Works	
1.3 Increased community involvement in effort	The Town will continue to include instructions for the proper disposal of hazardous waste in the quarterly news letter.	Publish 4 newsletter articles a year with hazardous waste removal instructions and conservation strategies.	Q4	Q4	Q4	Department of Public Works	
1.4 Diverse strategies to target a variety of audiences	Add a section to the newsletter that pertains to stormwater issues targeted at children.	Publish 2 newsletter articles a year beginning with permit year 2.	Q2	Q2	Q2	Department of Public Works	
1.5 Strategies to target local groups most affected	Publish Public Works newsletter articles focused on Stormwater issues for commercial, industrial, and institutions.	Publish 2 newsletter articles a year beginning with permit year 3.	Q2	Q2	Q2	Department of Public Works	

PUBLIC INVOLVEMENT and PARTICIPATION							
BMP	PROGRAM TASK	MEASURABLE GOAL/ANTICIPATED ACHIEVMENT	YEAR 3	YEAR 4	YEAR 5	LEAD RESPONSIBILITY	SUPPORT
2.1 Local activities aimed at public participation	Annual Potomac river Watershed Cleanup	To have a minimum of 25 volunteers to clean trash and other debris from Quantico Creek	Q3	Q3	Q3	Department of Public Works	Alice Ferguson Foundations
2.2 Promote the availability and community input of the Town of Dumfries MS-4 Program	Allow the MS-4 Program to be viewed by the community and open to any modifications.	To have the Plan available each year for public review during the town's budget public hearings.	Q1	Q1	Q1	Department of Public Works	
2.3 Provide access to or copies of the annual report to the public.	The Town will make the MS-4 annual report available on the Town's website.	The Town will make its annual report available online during plan year 3.	Q4	Q4	Q4	Department of Public Works	

ILLICIT DISCHARGE DETECTION and ELIMINATION							
BMP	PROGRAM TASK	MEASURABLE GOAL/ANTICIPATED ACHIEVMENT	YEAR 3	YEAR 4	YEAR 5	LEAD RESPONSIBILITY	SUPPORT
3.1 Eliminate illicit discharges	Establish a Stormwatcher database to track the number of illicit discharges identified during dry weather monitoring.	Tracking database to be established during plan year 3.	Q4	Q4	Q4	Department of Public Works	
3.2 Eliminate illicit discharges	Establish a Stormwater Line for residents to call in illegal dumping report spills, BMP issues, and construction site complaints.	Stormwater Line to be established during plan year 3.	Q4	Q4	Q4	Department of Public Works	
3.3 Eliminate illicit discharges	The Town will perform dry weather inspections of 20% of its outfalls annually for illicit discharges and the general conditions of the outfall.	Dry weather discharge inspection report and outfall condition report during plan year 3.	Q4	Q4	Q4	Department of Public Works	
3.4 Updated storm sewer system map	Maintain the existing storm sewer system map which shows all known outfalls within the Town	Update storm sewer map upon receiving record plans for all new development.	Q4			Department of Public Works	
3.5 Eliminate illicit discharges	The Town of Dumfries will maintain a log of all permanent known BMPs installed in the Town after January 2003	Database to be maintained throughout the duration of permit coverage	Q4	Q4	Q4	Department of Public Works	

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL							
BMP	PROGRAM TASK	MEASURABLE GOAL/ANTICIPATED ACHIEVMENT	YEAR 3	YEAR 4	YEAR 5	LEAD RESPONSIBILITY	SUPPORT
4.1 Maintain Designation and Management Regulations	The Town is to maintain a plan consistent with the DCR Virginia Erosion and Sediment Control Regulations.	To fully comply with the DCR program elements.	Ongoing			Department of Public Works	Virginia Erosion and Sediment Control Program
4.2 Requirement for Construction to have a VSMP permit	The Town requires all land disturbing activity encompassing areas of over 2,500 square feet to secure a VSMP stormwater permit for the activity.	Ensure developer obtains the VSMP permit prior to land disturbing activity for an area over 2,500 square feet.	Ongoing			Department of Public Works	Chesapeake Bay Preservation Act
4.3 Maintain Designation and Management Regulations	Review ordinances annually to ensure compliance with any and all changes to the Erosion and Sediment Control Law	To maintain fully compliant with DCR program elements.	Ongoing			Department of Public Works	Virginia Erosion and Sediment Control Program

POST-CONSTRUCTION STORMWATER MANAGEMENT							
BMP	PROGRAM TASK	MEASURABLE GOAL/ANTICIPATED ACHIEVMENT	YEAR 3	YEAR 4	YEAR 5	LEAD RESPONSIBILITY	SUPPORT
5.1 Maintenance Agreements	The Town will enter into maintenance agreements with BMP owners to ensure the BMP is maintained to the standard in which it was designed.	The Town will continue to implement agreements with BMP owners.	Ongoing			Department of Public Works	Chesapeake Bay Preservation Act

POLLUTION PREVENTION and GOOD HOUSDEKEEPING							
BMP	PROGRAM TASK	MEASURABLE GOAL/ANTICIPATED ACHIEVMENT	YEAR 3	YEAR 4	YEAR 5	LEAD RESPONSIBILITY	SUPPORT
6.1 Operation and Maintenance Programs	Maintain a training program for all Public Works employees. Topics are to include but are not limited to the following: Identification of pollutant discharges into the Town's outfalls, proper storage and application of fertilizers, waste disposal procedures, and snow removal chemical application	Maintain a database for all training attended.	Ongoing			Department of Public Works	
6.2 Operation and Maintenance Programs	The Town will continue to sweep all Town streets two times annually.	Street sweeping logs will be maintained showing dates and total lane miles of roadway swept.	Ongoing			Department of Public Works	
6.3 Operation and Maintenance Programs	The Town will participate as a partner in the NOVA Clean Water Partners Regional Storm Water Education Campaign sponsored and administered by the Northern Virginia Regional Commission	Town to maintain agendas and minutes of meetings	Ongoing			Department of Public Works	NOVA Clean Water Partners Regional Storm Water Education Campaign

APPENDIX B

Town of Dumfries



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LOCATION	BMP TYPE	HUC		IMPAIRED WATER	ACRES TREATED
17565 Old Stagecoach Road	Stormwater Management Pond	2070011	0630	Quantico Creek	1.6533
17640 Overlook Road	Stormwater Management Pond	2070011	0630	Quantico Creek	0.3799
17569 Summerduck Road	Stormwater Management Pond	2070011	0665	Quantico Creek	0.8012
17445 Jefferson Davis Highway	Stormwater Management Pond	2070011	0630	Quantico Creek	1.9919
17335 Jefferson Davis Highway	Stormwater Management Pond	2070011	0665	Quantico Creek	2.8172
3731 Greentree Lane	Stormwater Management Pond	2070011	0635	Quantico Creek	54.0492
3730 Greentree Lane	Stormwater Management Pond	2070011	0635	Quantico Creek	24.9661
17975-95 Main Street	Manufactured BMP System -- Stormceptor	2070011	0640	Quantico Creek	1.0800
2525 Pointe Center Court	Manufactured BMP System -- Stormceptor	2070011	0665	Quantico Creek	1.7950
17944 Main Street	Bioretention Facility	2070011	0640	Quantico Creek	0.6177
17865 Main Street	Manufactured BMP System -- Stormceptor	2070011	0640	Quantico Creek	0.5630
17484 Jefferson Davis Highway	Manufactured BMP System -- Stormceptor	2070011	0635	Quantico Creek	1.9785
17950 Dr. David Cline Lane	Infiltration Trench	2070011	0640	Quantico Creek	0.2366