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MS4 Stormwater General Permit  
VAR040056

Annual Report

July 1, 2013 – June 30, 2014





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## 1.0 Background Information

(1) Name and State permit number of the program submitting the annual report; (2) The annual report permit year; (3) Modifications to any operator's department's roles and responsibilities; (4) Number of new MS4 outfalls and associated acreage by HUC added during the permit year; (5) Signed certification in accordance with 9 VAC25-870-370.

1. Name and State permit number of the program submitting the annual report:

*Stafford County, VA  
Permit # VAR040056*

2. The annual report permit year:

*This serves as the Annual Report for Year 1 of the 2013-2018 Virginia MS4 General Permit (Permit). This Annual Report covers a time period from July 1, 2013 – June 30, 2014.*

3. Modifications to any operator's roles and responsibilities:

*The operator's roles and responsibilities can be found in the County's revised 2013-2018 MS4 Program Plan (**Attachment #1**).*

4. Number of new MS4 outfalls and associated acreage by HUC added during the permit year:

*See Sec. III(A) of this Annual Report.*

5. Signed certification in accordance with 9 VAC25-870-370

*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.*

Anthony J. Romanello, ICMA-CM  
County Administrator

*9.29.14*

Date

*For questions regarding the Year 1 Annual Report or Stafford County's revised 2013-2018 MS4 Program Plan, please contact:*

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County of Stafford - Department of Public Works*

*P.O. Box 339  
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## 2.0 Status of Permit Condition Compliance

*The status of compliance with state permit conditions, an assessment of the appropriateness of the identified best management practices and progress towards achieving the identified measurable goals for each of the minimum control measures.*

### 2.1. Assessment of BMP Appropriateness

*Stafford County is confident that the BMPs we have selected in our revised 2013-2018 MS4 Program Plan are appropriate. We will continue to monitor the status and appropriateness of each BMP as implementation continues.*

### 2.2. Measurable Goals Progress

#### I. Public Education and Outreach

I(A). BMP/Program Element: Investigate the feasibility, implementation and distribution of printed material through venues/businesses that would facilitate the targeting of message disbursement for stormwater management and/or stormwater pollution prevention in the County.

*During Year 1 of the Permit, Stafford County distributed printed materials at various locations. The majority of the printed materials were distributed at community activities/events described in Sec. II(E) of this Report. However, the County believes that printed materials could also be distributed at such venues/business as home improvement stores, pet retail stores, veterinary clinics, and car wash facilities, along with companies involved in pool maintenance and lawn/landscape care.*

*Further explanation can be found in the Public Education & Outreach Program (**Attachment #2**), contained in the County's revised 2013-2018 MS4 Program Plan.*

I(B). BMP/Program Element: Distribute printed media materials at the County Government Center and County public libraries.

*Stafford County continues to distribute printed materials at the County Government Center. Distribution of the printed materials occurs mainly at the Community Development Services Center (CDSC), which serves as the County's primary location for customer service and public assistance. The Building & Environmental Division field offices, as well as Porter Library and England Run Library in Stafford County, continue to serve as additional locations for printed materials distribution. The County distributes approximately seven (7) outreach brochures (in addition to EPA materials), which can be found in the County's revised 2013-2018 MS4 Program Plan.*

I(C). BMP/Program Element: Provide internet access and download capability to stormwater management and stormwater pollution prevention materials.

*Stafford County provides stormwater management and stormwater pollution prevention materials on the Department of Public Works webpage, specifically [www.staffordcountyva.gov/MS4](http://www.staffordcountyva.gov/MS4). This*



webpage, along with [www.staffordcountyva.gov/stormwater](http://www.staffordcountyva.gov/stormwater), contains links to information regarding stormwater management, the Virginia MS4 General Permit, the County's revised 2013-2018 MS4 Program Plan, current Annual Report, and all printed materials identified in I(B).

In addition, visitors to the webpage are invited to send questions and/or general comments to the Department of Public Works regarding the County's revised 2013-2018 MS4 Program Plan using the email link - ([stormwater@staffordcountyva.gov](mailto:stormwater@staffordcountyva.gov)).

Finally, the following webpage views were recorded beginning 7/1/2013 and ending 6/30/2014.

[www.staffordcountyva.gov/environmental](http://www.staffordcountyva.gov/environmental) → 371 page views  
[www.staffordcountyva.gov/stormwater](http://www.staffordcountyva.gov/stormwater) → 699 page views

I(D). BMP/Program Element: Participate in Northern Virginia Regional Commission's (NVRC) Clean Water Partners regional stormwater education media campaign.

The County continues to participate in the Northern Virginia Regional Commission's (NVRC) Clean Water Partners, a regional stormwater education media campaign. The attached report details the 2014 campaign results (**Attachment #3**).

I(E). BMP/Program Element: Operate the County's Stormwater Pollution Hotline for citizen complaints.

The County continues the operation of the Stormwater Pollution Hotline (including additional County contact phone #'s) to collect citizen concerns for stormwater pollution, erosion and sediment control, drainage issues and Chesapeake Bay Act violations. The County received 345 calls between July 1, 2013 and June 30, 2014.

ITEM	TOTAL (7/1/13 to 6/30/14)
Environmental Case File / Complaints*	345
Active (as of 6/30/14)	105
Resolved (as of 6/30/14)	240
*Illicit Discharges	8

I(F). BMP/Program Element: Identify three (3) high priority water quality issues that contribute to the discharge of stormwater pollution.

In partnership with the Northern Virginia Regional Commission's (NVRC) Clean Water Partners, and described in the County's Public Education & Outreach Program, three (3) high-priority water quality issues that contribute to the discharge of stormwater pollution were identified. These three high-priority water quality issues are:

- 1) Pet Waste
- 2) Residential Lawn Care
- 3) Illicit Discharge (i.e. home automobile repair)



I(G). BMP/Program Element: Identify the target audience(s) and estimate the population size of the target audience(s) most likely to have significant impacts for each of the three high-priority water quality issue.

*In partnership with the Northern Virginia Regional Commission’s (NVRC) Clean Water Partners, and described in the County’s Public Education & Outreach Program, the target audience for each high-priority water quality issue is as follows:*

TARGET AUDIENCE	POPULATION
Men/Women (Age 18+) - Own a Dog	405,333
Men/Women (Age 18+) - Perform Lawn Care	714,109
Men/Women (Age 18+) - Perform Home Automobile Repair	189,232

*The target audiences are region-specific, and include combined populations from Arlington County, Fairfax County, Fairfax City, the City of Falls Church, Loudoun County, and Stafford County.*

*The target audiences were selected in tandem with the results of the NVRC’s Clean Water Partners regional stormwater education media campaign, and with the assistance from Comcast Spotlight, the advertising sales division of Comcast. NVRC’s participation with Comcast Spotlight is further described in the Comcast Spotlight report provided to the NVRC’s Clean Water Partners during Year 1 of the Permit, which can be found in the County’s Public Education & Outreach Program.*

I(H). BMP/Program Element: Develop relevant message(s) and associated educational and outreach materials for message distribution to the selected target audiences while considering the viewpoints and concerns of those target audiences.

See Sec. I(D).

I(I). BMP/Program Element: Provide for public participation during public education and outreach program development.

See Sec. II(C), II(D) and II(E).

I(J). BMP/Program Element: Conduct education and outreach activities designed to reach 20% of the population of each target audience. Adjust target audience(s), messages, educational materials and delivery mechanisms as needed.

*In partnership with the Northern Virginia Regional Commission’s (NVRC) Clean Water Partners, and described in the County’s Public Education & Outreach Program, the education and outreach activities that were conducted successfully reached the required 20% of the population of each target audience.*

*NVRC’s Clean Water Partner’s 2014 Annual Summary provides additional statistics and information to supplement the education and outreach requirements. The NVRC’s Clean Water Partners will continue to evaluate the effectiveness of the education and outreach activities, and if necessary, make any modifications in the future.*



I(K). BMP/Program Element: Implement a program to post waterway signage at County road crossings of major streams to identify the streams and their hydrologic connection to the Chesapeake Bay.

*Not applicable for Year 1 Permit requirements.*

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## **II. Public Involvement and Participation**

II(A). BMP/Program Element: Provide hard copies of the County's revised 2013-2018 MS4 Program Plan at the County Government Center and public libraries, as well as providing the MS4 Program Plan on the County's website. In addition, post current news and information announcing the availability of the MS4 Program Plan on the County's website.

*The County has made available a copy of the revised 2013-2018 MS4 Program Plan at the County Government Center, as well as Porter Library and England Run Library in Stafford County. In addition, a copy of the 2013-2018 MS4 Program Plan is made available at the following webpage: <http://www.staffordcountyva.gov/MS4>*

II(B). BMP/Program Element: Provide hard copies of the County's Annual Report at the County Government Center and public libraries, as well as providing the Annual Report on the County's website. In addition, post current news and information announcing the availability of the Annual Report on the County's website.

*The County has made available a copy of the 2013-2014 Annual Report at the County Government Center, as well as Porter Library and England Run Library in Stafford County. In addition, a copy of the Year 1 Annual Report is made available at the following webpage: <http://www.staffordcountyva.gov/MS4>*

II(C). BMP/Program Element: Promote Adopt-A-Stream Program opportunities.

*The County promotes Adopt-A-Stream Program opportunities at the following webpage: <http://www.staffordcountyva.gov/stormwater>.*

*In addition, these efforts have resulted in coordination with Green Aquia, a committee representing the Aquia Harbour subdivision in Stafford County, to adopt sections of Aquia Creek and Austin Run during Year 2 of the Permit.*

II(D). BMP/Program Element: Promote the County's Storm Drain Marking Program.

*The County promotes the Storm Drain Marking Program at the following webpage: <http://www.staffordcountyva.gov/stormwater>.*

*In addition, these efforts have resulted in coordination with the County's local Girl Scouts of America affiliate for storm drain marking of various storm drains during Year 2 of the Permit.*

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II(E). BMP/Program Element: Investigate and promote, sponsor and/or participate in at least four local activities aimed at increasing public participation with citizens and interested stakeholders.

*During Year 1 of the Permit, Stafford County actively participated in local events to increase public participation with citizens and interested stakeholders. During Year 1 of the Permit, the County participated in the following local events (**Attachment #4a**):*

- 1) Stafford Rotary Club – 9<sup>th</sup> Annual Wings & Wheels Festival
- 2) City of Fredericksburg – Earth Day on the Rappahannock
- 3) GEICO – Green Committee Vendor Fair

*In addition, the County sponsored the Wild & Scenic Film Festival, organized by the Friends of the Rappahannock (**Attachment #4b**).*

*The County will continue to promote, sponsor and/or participate in the above-mentioned local events aimed at increasing public participation, as well as investigate additional opportunities to increase public participation, as outlined in the Public Education & Outreach Program of the County's revised 2013-2018 MS4 Program Plan.*

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### **III. Illicit Discharge Detection and Elimination**

III(A). BMP/Program Element: Maintain a current storm sewer system map and outfall information table

*During Year 1 of the Permit, the County met with officials from the Virginia Department of Environmental Quality (DEQ). The dates were as follows:*

DATE: March 6, 2014  
LOCATION: DEQ Office - Woodbridge  
ATTENDEES: County staff, DEQ staff (Tom Faha / Bryant Thomas / Jaime Bauer)

DATE: May 29, 2014  
LOCATION: Stafford County Administration – County Administration Building  
ATTENDEES: County staff, DEQ staff (Tom Faha / Bryant Thomas / Jaime Bauer)

DATE: September 2, 2014  
LOCATION: Stafford County Community & Economic Development Committee  
County Administration Building  
ATTENDEES: County Board of Supervisors, County staff, DEQ staff (Tom Faha / Bryant Thomas / Jaime Bauer)

*The purpose of the meetings was to discuss the County's current MS4, and whether or not the County can and/or will modify its MS4. Based upon those meetings (and per the guidance from DEQ staff), the County intends to submit a permit modification in the near future. An updated*





*storm sewer system and outfall information table will be made available after the results of the permit modification submittal.*

III(B). BMP/Program Element: Review and amend, as necessary, the County's Stormwater Pollution and Illicit Discharge Ordinance (Article II; Sec. 21.5 of the County Code) for consistency with the Permit.

*Not applicable for Year 1 Permit requirements.*

III(C). BMP/Program Element: Develop, implement, and update, when appropriate, written procedures to detect, identify, and address unauthorized, non-stormwater discharges (including illegal dumping) to the County's MS4.

*Dated June 2014, the County developed (and implemented) new Standard Operating Procedures (SOP) for Illicit Discharge Detection and Elimination (IDDE) (**Attachment #5a**).*

*In addition, the County screened 60 stormwater outfalls for dry-weather flow during Year 1 of the Permit (**Attachment #5b**).*

*Although not required until Year 4 of the Permit, the County deemed it necessary to have standard operating procedures for illicit discharge elimination in place to supplement the final SOP for IDDE.*

III(D). BMP/Program Element: Promote, publicize, and facilitate public reporting of illicit discharges into or from the County's MS4. Conduct inspections in response to complaints and ensure that corrective measures have been implemented by the responsible party.

*The County continually promotes, publicizes and facilitates the reporting of illicit discharges. During Year 1 of the Permit, the Stormwater Pollution Hotline, as well as additional County contact phone #'s, were advertised on outreach materials and on the County's webpage; [www.staffordcountyva.gov/environmental](http://www.staffordcountyva.gov/environmental).*

*Based upon the information in Sec. I(E), the County received eight (8) illicit discharge-related complaints, and an overall increase of 115 phone calls from the previous year's Annual Report.*

*Also during Year 1 of the Permit, the County implemented a new Call Center (Stafford 311) to provide County citizens with a single point-of-contact to address questions and/or concerns. Many of the contacts were facilitated through this Call Center and routed to the Stormwater Pollution Hotline.*

III(E). BMP/Program Element: Implement HAZMAT Spill Response Program.

*The County's Fire & Rescue Department – Special Operations Command continues to implement a hazardous spill response program. The Fire & Rescue Department responded to eighteen (18) incidents involving HAZMAT spills between July 1, 2013 and June 30, 2014. Additional information has been provided (**Attachment #6**).*

III(F). BMP/Program Element: Implement Household Hazardous Waste Collection Program.



*The Rappahannock Regional Solid Waste Management Board (R-Board), a joint venture of Stafford County and the City of Fredericksburg to operate and maintain the Regional Landfill, collected 6,350 gallons of household hazardous waste during Year 1 of the Permit. Additional information has been provided (**Attachment #6**).*

III(G). BMP/Program Element: Notify downstream MS4 operators of physical interconnections of storm sewer systems with the County's MS4.

*On September 9, 2014, the County notified the Virginia Department of Transportation (VDOT), the University of Mary Washington (UMW), and Stafford County Public Schools (SCPS) of the potential for physical interconnections of storm sewer systems (**Attachment #7**).*

#### **IV. Construction Site Stormwater Runoff Control**

IV(A). BMP/Program Element: Administer and implement the County's Erosion and Sediment Control (E&SC) Program in accordance with Virginia's Erosion and Sediment Control regulations.

*The County continues to successfully administer and implement the County's E&SC Program, as well as the Chesapeake Bay Preservation Act Program. The table below provides statistical information on the County's E&SC Program:*

<b>ITEM</b>	<b>TOTAL</b>
Land Disturbing Permits Issued	48
Disturbed Acres	397
Field Correction Notices/Notices to Comply	92
Civil Penalties	0

*Per the revised Virginia Stormwater Management Program (VSMP) regulations effective July 1, 2014, the Stafford County Board of Supervisors adopted R14-78 (**Attachment #8**) on June 17, 2014, a resolution to adopt the Stafford County Stormwater Management (SWM) Design Manual; Fourth Edition (**Attachment #9**). The County's SWM Design Manual; Fourth Edition includes the procedures for the County's Erosion & Sediment Control (E&SC) Program's inspection process.*

*In addition, the County's VSMP Compliance and Enforcement Policy and Procedures document (**Attachment #10**) includes enforcement procedures related to the County's E&SC Program.*

IV(B). BMP/Program Element: Provide training for the County's E&SC Program inspection staff.

*During Year 1 of the Permit, applicable County staff attended and completed the Virginia Department of Environmental Quality's (DEQ) Basic Stormwater Management course, as well as DEQ's Stormwater Management Inspector course. Both courses are requirements in order for all applicable County staff to become certified as Stormwater Management Inspectors, which will be completed during Year 2 of the Permit.*



Also, the following DEQ certifications were held by County staff during Year 1 of the Permit:

DEQ CERTIFICATION	TOTAL # OF CERTIFIED STAFF
E&SC Combined Administrator	3
E&SC Plan Reviewer	2
E&SC Inspector	7

IV(C). BMP/Program Element: Administer and implement the County's Virginia Stormwater Management Program (VSMP) in accordance with the regulations of the Virginia Stormwater Management Act.

*During Year 1 of the Permit, the County required evidence of Virginia Stormwater Management Program (VSMP) permits for all applicable land disturbance activities. This evidence was provided during the plan review process, and the following notes were placed on all subdivision construction plans, site development plans, and erosion & sediment control plans:*

*"Proof of all necessary federal, state, and local environmental permits must be submitted to the Department of Planning & Zoning prior to approval of construction plans and/or grading plans." ... continued*

AND

*"Proof of VSMP permit must be submitted to the Department of Planning & Zoning prior to approval of construction plans and/or grading plans."*

*Additionally, County staff provides a monthly land disturbance report to the Tappahannock Regional Office of the Department of Environmental Quality (DEQ). This allows DEQ staff the opportunity to confirm all applicable projects are obtaining the required permits.*

**V. Post Construction Stormwater Management in New Development and Development on Prior Developed Lands**

V(A). BMP/Program Element: Administer and implement the County's Virginia Stormwater Management Program (VSMP) in accordance with the regulations of the Virginia Stormwater Management Act.

*The County continues to require post-construction stormwater management in new development, as well as development on prior developed lands, in accordance with the Stafford County SWM Design Manual; Fourth Edition and the Virginia Stormwater Management Handbook.*

*In addition, and per the VSMP regulations effective July 1, 2014, the Stafford County Board of Supervisors adopted O14-16 (**Attachment #11**) on June 17, 2014, an ordinance to amend and reordain Stafford County Code Chapter 21.5; Stormwater Management.*

V(B). BMP/Program Element: Develop/present a seminar for Homeowner's Associations (HOAs) on the requirements for proper maintenance of stormwater management facilities.



*Stafford County continues to provide stormwater maintenance seminars to Homeowner's Associations. During Year 1 of the Permit, the Department of Public Works – Environmental Division attended the following HOA meetings in order to present the County's stormwater maintenance seminar and/or discuss the maintenance requirements of the HOAs respective stormwater management facilities:*

<i>Christy Estates</i>	<i>Stafford Manor</i>	<i>Perry Farms</i>
<i>Towering Oaks</i>	<i>Augustine North</i>	<i>North Clearview Heights</i>
<i>Poplar Hills</i>	<i>Heather Hills</i>	<i>Hampton Oaks</i>
<i>St. George's Estates</i>	<i>Stafford Lakes Village</i>	<i>Del Webb @ Celebrate Virginia</i>

V(C). BMP/Program Element: Develop written procedures for inspection, maintenance, and enforcement of maintenance agreements (when applicable) for stormwater management facilities located within or discharging into the MS4.

*Since 2009, the County performs inspections and requires maintenance of stormwater management facilities (both County-owned / operated and privately-owned) in accordance with the County's Stormwater Inspection and Maintenance Program. This Program is outlined in the County's VSMP Compliance & Enforcement Policy and Procedures document, as well as the County's SWM Design Manual; Fourth Edition.*

*During Year 2 of the Permit, the County will develop written procedures for the inspection and maintenance of stormwater management facilities within or discharging into the MS4.*

V(D). BMP/Program Element: Inspect permanent, post-construction stormwater management facilities that are privately-owned at least once every five years.

*During Year 1 of the Permit, the County completed 403 inspections of post-construction stormwater management facilities (**Attachment #12**). No enforcement actions were taken during Year 1 of the Permit.*

*Additional information, along with the County's 2013-2014 Biennial Inspection Schedule, can be found on the County's Stormwater Inspection & Maintenance Program webpage: [www.staffordcountyva.gov/stormwater](http://www.staffordcountyva.gov/stormwater).*

V(E). BMP/Program Element: Annually inspect permanent, post-construction stormwater management facilities that are County-owned / operated.

*During the month of February 2014, the County inspected all identified County-owned / operated stormwater management facilities. Inspections of all identified County-owned / operated stormwater management facilities will be moved to October 2015, and will be performed annually from that date.*

V(F). BMP/Program Element: Conduct appropriate maintenance on permanent, post-construction stormwater management facilities owned / operated by the County as necessary.

See Sec. V(C).



V(G). BMP/Program Element: Develop and update, as necessary, the County's database of permanent, post-construction stormwater management facilities.

*During Year 1 of the Permit, an update was performed on the County's database of permanent, post-construction stormwater management facilities to incorporate the new requirements listed in the Permit (**Attachment #13**).*

*The majority of the data is current, however, the County continues to refine the specifics, most notably the pervious/impervious breakdown of acres treated. Updated data will be incorporated into the Annual Reports for Years 2-5 of the Permit.*

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## **VI. Pollution Prevention/Good Housekeeping for Municipal Operations**

VI(A). BMP/Program Element: Develop written procedures for daily good housekeeping at County-owned / operated facilities.

*During Year 1 of the Permit, the County developed new Standard Operating Procedures (SOP) for Illicit Discharge Detection and Elimination (IDDE) (see Sec. III(D)). In addition, the County developed Standard Operating Procedures for Good Housekeeping / Pollution Prevention for Municipal Operations (**Attachment #14**).*

*Both documents satisfy the Permit requirements for illicit discharge inspection and stormwater pollution prevention.*

VI(B). BMP/Program Element: Identify all municipal, high-priority facilities including those that have a high potential for discharging pollutants.

*Dated March 2014, the County finalized its Stormwater Pollution Prevention Plan (SWPPP) Implementation document, which identifies all County-owned, high-priority facilities including those that have a high potential for discharging pollutants (**Attachment #15**).*

VI(C). BMP/Program Element: Develop and implement SWPPPs for all municipal high-priority facilities that have a high potential for discharging pollutants.

*Not applicable for Year 1 Permit requirements. However, During Year 1 of the Permit, the County evaluated the existing SWPPPs for Woodlands Pool, Curtis Park and McDuff Green Park. All three SWPPPs were found to be inconsistent with the requirements of the Permit, and will be updated in Year 2 of the Permit.*

VI(D). BMP/Program Element: Identify all applicable lands where nutrients are applied to a contiguous area of more than one acre.

*Dated March 2014, the County finalized its Nutrient Management Plan (NMP) Implementation document, which identifies and provides a location for all County-owned / operated lands where nutrients are applied to a contiguous area of more than one acre (**Attachment #16**).*



VI(E). BMP/Program Element: Develop and implement turf and landscape nutrient management plans on all lands where nutrients are applied to a contiguous area of more than one acre.

*Not applicable for Year 1 Permit requirements. However, during Year 1 of the Permit, the County performed a database software update. Previously known as Hansen 7, the new software (INFOR) will allow the County to track the implementation of Nutrient Management Plans on County-owned / operated lands, specifically targeting the total acreage of lands where nutrients have been applied.*

VI(F). BMP/Program Element: Develop and implement an annual training plan and schedule in accordance with the requirements of the Permit.

*The County developed the 2013-2018 Training Plan document (**Attachment #17**). This document includes a schedule of training events, and ensures implementation of the training requirements specified in the state permit regulations.*

VI(G). BMP/Program Element: Provide biennial training to field personnel in the recognition and reporting of illicit discharges.

*Biennial training in the recognition and reporting of illicit discharges was performed during Year 1 of the Permit for all applicable staff in the Department of Public Works, the Department of Planning & Zoning, and the Department of Parks, Recreation & Community Facilities (PRCF). This training was provided per the County's 2013-2018 Training Plan document.*

*In addition, all applicable staff from the Department of Utilities, the Department of Fire & Rescue, and the Sheriff's Office will be provided training in the recognition and reporting of illicit discharges during Year 2 of the Permit.*

VI(H). BMP/Program Element: Provide biennial training to County employees regarding good housekeeping and pollution prevention practices that are to be employed: (i) during road, street and parking lot maintenance; (ii) in and around maintenance and public works facilities; and (iii) in and around recreational facilities.

*Biennial training regarding good housekeeping and pollution prevention practices was performed during Year 1 of the Permit for all applicable staff in the Department of Public Works, the Department of Planning & Zoning, and the Department of Parks, Recreation & Community Facilities (PRCF). This training was provided per the County's 2013-2018 Training Plan document.*

*In addition, all applicable staff from the Department of Utilities, the Department of Fire & Rescue, and the Sheriff's Office will be provided training regarding good housekeeping and pollution prevention practices during Year 2 of the Permit.*

VI(I). BMP/Program Element: Ensure and/or require that all employees or private contractors who apply pesticides and herbicides receive proper training and certification in accordance with the Virginia Pesticide Control Act.

*The County's Department of Parks, Recreation & Community Facilities (PRCF) applies pesticides and herbicides on all applicable County owned/operated facilities. It is a requirement*



*that all applicable PRCF employees (and County-hired contractors) who apply pesticides and herbicides are certified in accordance with the Virginia Pesticide Control Act. The certification course and exam are completed through the Virginia Department of Agriculture and Consumer Services (VDACS) every two years.*

*This summary is also found in the County's 2013-2018 Training Plan document.*

**VI(J). BMP/Program Element:** Ensure that County emergency response employees have training in spill response and provide in the first annual report a summary of the training or certification program provided to all such employees.

*The County's Department of Fire & Rescue is required to be trained in spill response, and such training is incorporated into two levels. Level 1 training requires all applicable staff (both salaried and volunteer) to be knowledgeable in spill response and in the recognition of HAZMAT incidences. This training consists of an 8-hour class completed through the Virginia Department of Fire Programs (VDFP) using the Virginia Department of Emergency Management (VDEM) curriculum. All applicable staff from the Department of Fire & Rescue shall attend the course at the time of hire to obtain certification. Recertification is not required.*

*Level 2 training requires all applicable full-time staff be knowledgeable in spill response, specifically in controlling and containing HAZMAT incidences. The training consists of a 40-hour class and subsequent exam completed through the VDFP using the VDEM curriculum. All applicable full-time staff from the Department of Fire & Rescue shall attend the course and take the exam at the time of hire to obtain certification. Recertification is not required.*

*This summary is also found in the County's 2013-2018 Training Plan document.*

**VI(K). BMP/Program Element:** Maintain required documentation on each training event for a period of three (3) years after each training event.

*Stafford County maintains all training documentation by using the Attendance Training Form found in the County's 2013-2018 Training Plan document. This form records the training date, number of employees attended, and the objective of the training event.*

*In addition, any individual online training will be documented through a system of reporting. All applicable staff that completes the online training will inform their Department Supervisor, at which time the Department Supervisor will report the completed training to the Stormwater Program Coordinator. A record of the training will be maintained for a period of three years after each training event.*

**VI(L). BMP/Program Element:** Require that all municipal contractors use appropriate control measures and procedures for stormwater discharges to the County's MS4 and include oversight procedures in the County's MS4 program plan.

*Stafford County continues to require that all municipal, construction-related contractors obtain the appropriate certifications as required under the Virginia Erosion and Sediment Control Law, and other related requirements prior to any land disturbance activity.*

*This summary is also found in the County's 2013-2018 Training Plan document.*

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### 3.0 Results of Collected Data

*Results of information collected and analyzed, including monitoring data, if any, during the reporting period.*

*During Year 1 of the Permit, Stafford County was not required to collect and analyze any formal monitoring data.*

### 4.0 Future Stormwater Activities

*A summary of the stormwater activities the operator plans to undertake during the next reporting cycle.*

*Refer to Appendix 1 of Stafford County's revised 2013-2018 MS4 Program Plan for a schedule of future stormwater activities.*

### 5.0 Changes in BMPs and Minimum Control Measures

*A change in any identified best management practices or measurable goals for any of the minimum control measures including steps to be taken to address any deficiencies.*

#### 5.1. Changes in BMPs/Program Elements

*Stafford County's revised 2013-2018 MS4 Program Plan has been prepared to meet the requirements of the 2013-2018 Virginia MS4 General Permit. The BMPs/Program Elements have been provided in the MS4 Program Plan, which has been included with this Annual Report submittal.*

#### 5.2. Changes in Measurable Goals

*Stafford County's revised 2013-2018 MS4 Program Plan has been prepared to meet the requirements of the 2013-2018 Virginia MS4 General Permit. The measurable goals have been provided in the MS4 Program Plan, which has been included with this Annual Report submittal.*

### 6.0 Government Reliance for Permit Obligations

*Notice that the operator is relying on another government entity to satisfy some of the State permit obligations (if applicable).*

*At this time, Stafford County is not relying on any other government agencies to satisfy any direct permit obligations, other than our participation in the Northern Virginia Regional Commission's (NVRC) Clean Water Partners regional stormwater education campaign, which has been detailed in this Annual Report submittal.*





## 7.0 Section II C Program Status

*The approval status of any programs pursuant to Section II C (if appropriate), or the progress towards achieving full approval of these programs.*

*Not applicable for Year 1 Permit requirements.*

## 8.0 General Permit Section I Information

*Information required for any applicable TMDL special condition contained in Section I.*

*Stafford County's revised 2013-2018 MS4 Program Plan has been prepared to meet the requirements of the 2013-2018 Virginia MS4 General Permit. The MS4 Program Plan has been updated to reflect the special condition requirements for the Chesapeake Bay TMDL and Other TMDL's approved between July 2008 and June 2013.*