

Fairfax County 2016 MS4 Program Plan and Annual Report

Appendix R13

Summary of March 10, 2016 Annual Infrastructure Coordination Meeting with VDOT

VSMP Permit Number VA0088587
9-30-2016

Annual Infrastructure Coordination Meeting Summary
March 10, 2016
MSMD Back Conference Room
10635 West Drive, Fairfax, VA 22030

I. Meeting Attendees

- Marian Carroll, VDOT
- Jeff Hancock, VDOT L&D MS4
- Tracey Harmon, VDOT TMDL Program
- Pawan Sarang, VDOT
- Ginny Snead, VDOT Maintenance
- Chris Swanson, VDOT L&D MS4
- Keith Appler, Fairfax County STW
- Kate Bennett, Fairfax County SWPD MS4
- Emily Burton, Fairfax County SWPD
- Takisha Cannon, Fairfax County SWPD
- Chad Grupe, Fairfax County SWPD
- Valerie Tucker, Fairfax County MSMD

II. Meeting Purpose

- a. Fairfax County MS4 Permit Infrastructure Coordination Requirements (Attachment 1)
Fairfax County's 2015 Phase I MS4 Permit requires the county to hold an annual coordination meeting with VDOT regarding issues of MS4 connectivity including system mapping, TMDL action plans, TMDL implementation, illicit discharge detection and elimination, and water quality monitoring. This meeting was the first to address all of these issues.
- b. Coordination to Date
The county and VDOT have been coordinating for several years on outfall ownership, system interconnectivity and service area delineation. That coordination has resulted in a Fairfax and VDOT Outfall Responsibility Determination Process Flowchart which was discussed in more detail under Mapping below. Coordination also takes place on individual projects and larger planning efforts outside of the MS4 program context.
- c. Status of VDOT Permit
DEQ plans to move forward with VDOT's new MS4 permit once the remaining six Phase I permits in the Hampton Roads area have been reissued. These permits all went out for public notice the week of 03/09/16. VDOT's new permit will likely be some combination of the Phase I and Phase II MS4 requirements with a transportation focus.

III. Mapping

- a. Outfall Identification Flow Chart (Attachments 2 and 3)
The flow chart developed by Fairfax and VDOT walks through the process of determining who (if anyone) is responsible for a given outfall from beginning to end. Two potential complications were identified:

- VDOT has not mapped all of its easements, so it will be difficult to determine where VDOT easements apply to specific outfalls.
 - The MS4 permit requirements apply to outfalls that are “owned or operated” by the permittee, so there are likely to be situations where an outfall is owned by the county but operated by VDOT, and possibly vice versa.
- b. Status of mapping efforts
- Fairfax County completed an initial outfall identification and service area delineation in 2010 and has been making adjustments to those layers as needed. The county plans to use the process flowchart developed with VDOT to clarify/update those layers.
 - VDOT has worked with the USACE to identify outfalls regulated under their MS4 permit, but the areas draining to those outfalls have not been delineated.

IV. TMDLs

a. Chesapeake Bay TMDL Action Plans

Fairfax County is still in the beginning stages of developing its Chesapeake Bay TMDL Action Plan, which is due to DEQ by 04/01/17. VDOT’s Chesapeake Bay TMDL Action Plan has been provisionally/conditionally approved by DEQ. When VDOT has an approved plan it will be posted to their website.

b. Other TMDL Action Plans

Fairfax County is still in the beginning stages of developing its Other TMDL Action Plans, which are due to DEQ by 04/01/17. VDOT has been determined to be a de minimus source of bacteria and PCBs, but will be required to develop TMDL Action Plans for local sediment TMDLs.

c. Credit for TMDL Implementation

Both parties expressed interest in partnering on project implementation. The Northern Virginia Regional Commission’s MS4 Workgroup may provide a useful forum for VDOT to connect with other local jurisdictions interested in partnering. VDOT is working with the Office of the Attorney General to get support for simplified agreements to document credit-sharing.

V. Illicit Discharge Detection & Elimination

- The county’s Illicit Discharge & Improper Disposal (IDID) program is roughly equivalent the Illicit Discharge Detection & Elimination (IDDE) requirements of the Phase II MS4 permit. The program includes two components: a proactive approach is taken identify and eliminated incidents of IDID with dry weather screening of MS4 outfalls, while a reactive approach is taken in response to complaints received from residents. Public outreach is used to help residents identify incidents of IDID and how to report them. The county tries to work cooperatively with dischargers before moving to enforcement. Article 9 of the county’s Stormwater Management Ordinance identifies civil penalties for

IDID and the county is developing an enforcement plan in cooperation with the Office of the County Attorney. The goal is to avoid duplicating or disrupting existing enforcement mechanisms, including DEQ processes. The County refers illicit discharges identified as coming from VDOT's MS4 to IDDEReports@vdot.virginia.gov.

- VDOT has an established e-mail address to report illicit discharges and is also conducting outreach through the Adopt a Road program and at public meetings. Previous stenciling efforts have now shifted to messages imprinted on manhole covers, which are expected to be more durable. The teams identifying VDOT outfalls also conduct dry weather screening while they are in the field.

VI. Water Quality Monitoring

- The County's monitoring requirements include dry and wet weather screening, as well as biological, in-stream and floatables monitoring. The county is using five sites that are part of a partnership with the USGS to satisfy the biological and in-stream monitoring requirements. Information on Fairfax County's partnership with USGS is available at <http://va.water.usgs.gov/fairfax/>.
- VDOT's only monitoring requirement is for dry weather screening.

VII. Next Steps

- Fairfax County will draft a meeting summary and send it out for review and comment along with the meeting sign-in sheet.
- The county's permit requires an annual coordination meeting, but more frequent, informal or subject-specific coordination is welcomed throughout the year.