

Fairfax County 2018 MS4 Program Plan and Annual Report

Appendix R16

Summary of May 18, 2018 Annual Infrastructure Coordination Meeting
with VDOT

VSMP Permit Number VA0088587
9-28-2018

Annual Infrastructure Coordination Meeting Summary
May 18, 2018
Herrity Building, Room 107
12055 Government Center Pkwy, Fairfax, VA 22035

A. Meeting Attendees

Heather Ambrose, Fairfax County	Valerie Tucker, Fairfax County
Keith Appler, Fairfax County	Vivian Bui, Fairfax County
Randy Bartlett, Fairfax County	Marian Carroll, VDOT
Emily Burton, Fairfax County	Michelle Fults, VDOT
Takisha Cannon, Fairfax County	Tracey Harmon, VDOT
Craig Carinci, Fairfax County	Chris Swanson, VDOT
Chad Crawford, Fairfax County	David Wilson, VDOT
Marty Hurd, Fairfax County	Lynne Mowery, Wood
Steve Strackbein, Fairfax County	Ben Green, Wood

B. Meeting Purpose and Structure

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, total maximum daily load (TMDL) action plans, TMDL implementation, illicit discharge detection and elimination, and water quality monitoring.

(1) Annual Coordination Meeting

- a. The bulk of the meeting focused on items 2 through 7 below.
- b. VDOT's MS4 individual permit requires the same type of coordination with all 11 Phase I MS4s in Virginia. VDOT expressed an interest to organize a joint regional MS4 meeting with other Northern Virginia Phase I communities (Prince William, Arlington) in the future.
 - i. There will be additional coordination required to align with all the communities' permit cycles. The other Phase I communities have the same requirements for an annual coordination meeting with VDOT.

(2) Mapping

- a. Fairfax County is finalizing the annual review and update of its MS4 outfall and service area data based on newly constructed infrastructure and refinement of the County's stormwater infrastructure GIS layer, StormNet.
- b. VDOT demonstrated a web map application that they are developing, which includes BMP and outfall layers. The new web app allows for queries and export of layers of interest.
 - i. VDOT is migrating to a ProjectWise document management system that will spatially attribute storm sewer infrastructure.
- c. VDOT and Fairfax County will coordinate on use of the web map application to share stormwater infrastructure data.

(3) Chesapeake Bay TMDL Action Plans

- a. Fairfax County submitted its Chesapeake Bay TMDL Action Plan to DEQ on March 31, 2017 and it was approved by DEQ on August 15, 2017.

- i. The County has exceeded the 5% reduction requirement and continues to implement projects towards meeting the total pollutant reduction requirements. The County's action plan quantified unaccounted areas draining to the VDOT MS4 as required in its MS4 permit.
- b. VDOT's draft Phase II Chesapeake Bay TMDL Action Plan is posted on its website for public comment through May 25, 2018. VDOT provided attendees a copy of a recent newsletter on its Phase II Bay action plan.

(4) Other TMDL Action Plans

- a. Fairfax County submitted TMDL Action Plans for Bacteria, PCBs and Sediment to DEQ on March 31, 2017.
- b. VDOT's other TMDL Action Plans for this permit will be available by June 1. Each action plan addresses a specific constituent, and is divided into different sections addressing different watersheds.

(5) Credit for TMDL Implementation

- a. The group discussed opportunities for project coordination/credit sharing and acknowledged that there will need to be discussions at the leadership level.
- b. There have been coordination meetings between VDOT and SWPD regarding the Pike Branch stream restoration projects. There is concern that sediment loads from the upstream projects could impact the downstream projects.
- c. The County has a five-year capital improvement plan (CIP) and an annual process for project selection. It may be beneficial to coordinate with VDOT on the projects selected annually, as well as on planned maintenance projects to see if there are opportunities to enhance existing stormwater controls.
- d. Both the County and VDOT agreed that nitrogen is proving to be the most difficult to reduce through their Bay action plans.
- e. MSMD, VDOT, FCDOT and FCPD are coordinating to discuss local drainage issues and there is an interest in focusing on addressing drainage issues that also incorporate water quality improvements.
- f. The County maintains a list of drainage complaints and has shared it with VDOT. The current estimated cost to address these complaints is \$1M/year.
- g. The County and VDOT are also participating in the VDEQ Salt Management Strategy development process, have attended recent meetings, and will participate on the committees being developed. Both the County and VDOT expressed interest in continuing to collaborate as the process moves forward, particularly with respect to the Accotink chloride TMDL and MS4 permits.

(6) Illicit Discharge Detection & Elimination

- a. Fairfax County's list of industrial and high risk runoff (IHRR) facilities is focused on the County's MS4 service area. The County will share IHRR facility information with VDOT through the online web map.
- b. The County will continue to refer illicit discharges identified as coming from VDOT's MS4 to IDDEReports@vdot.virginia.gov.
- c. The County noted two instances on which the two parties could communicate more effectively: one is closing the loop with the County when an illicit discharge is reported to VDOT and another is better communication on the timeline and

procedures for cleanups in the VDOT right-of-way. Marian Carroll noted that she is available should any coordination be needed locally pertaining to IDDE issues.

- d. The County and VDOT will continue to communicate on illicit discharges that affect each other's service area.
- e. The County noted that there are increasing concerns with litter in the right of way and that they have put together an improper disposal table documenting roles and enforcement authority for litter control. VDOT explained their education and outreach efforts, including signage and a social media campaign to reduce litter in the District. VDOT has concerns that trash haulers may be a large contributing source of litter. The County will send the improper disposal table to VDOT to review and revise with VDOT's activities.

(7) Water Quality Monitoring

- a. The County will share water quality monitoring data with VDOT upon request.

(8) Annual Reports

- a. A meeting summary will be prepared for inclusion in Fairfax County's 2018 MS4 Annual Report.

C. Next Steps

- Keith Appler and Michelle Fults to coordinate on GIS web portal data sharing, to include the County's IHRR layer, as well as outfall layers.
- County may review VDOT Phase II Chesapeake Bay Action Plan - public comment period ends on May 25
- Emily Burton to provide Improper Disposal table to VDOT
- Randy Bartlett to follow up on adequate outfall requirements/coordination with VDOT
- Craig Carinci and Tracey Harmon to follow up on potential project partnership opportunities
- Chris Swanson to provide process for incorporating local requirements into VDOT projects
- David Wilson to update the IDDE reporting number/email address