

Washington Dulles International Airport
P.O. Box 17045
Washington, DC 20041-0045



SEP 18 2018

Ms. Anna Westernik
Virginia Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

RE: General Permit for Stormwater Discharges from MS4 for the DTR;
Permit No. VAR040120; Permit Year 5 Annual Report

Dear Ms. Westernik:

Enclosed is the annual progress report for the period of July 1, 2017, through June 30, 2018, as required by the General Permit for Small Municipal Separate Storm Sewer System (MS4) for the Dulles Toll Road (DTR).

If you have any questions on this submittal, please contact Mrs. Jennell Lowry of my staff at (703) 572-2800.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike Stewart".

Mike Stewart
Vice President & Airport Manager

MS:alr

Enclosure

**General Permit for Stormwater Discharges from Small Municipal
Separate Storm Sewer Systems (MS4) for the Dulles Toll Road**

Permit Number VAR040120

Permit Coverage from July 1, 2013 to June 30, 2018

Permit Year 5 Annual Report

Reporting Period: July 1, 2017-June 30, 2018

Submitted by: October 1, 2018

Prepared By:

Metropolitan Washington Airports Authority

Washington Dulles International Airport

Engineering and Maintenance Division

P.O. Box 17045

Washington, D.C. 20041

September 10, 2018

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**CERTIFICATION STATEMENT AND SIGNATORY REQUIREMENTS
FOR MS4 PERMIT APPLICATIONS AND REPORTS**

As required by 9VAC25-870-370 B, all reports required by state permits, and other information requested by the board shall, be signed by a responsible official or by a duly authorized representative of that person. A responsible official is:

1. *For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for state permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;*
2. *For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or*
3. *For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.*

A person is a duly authorized representative only if:

1. *The authorization is made in writing by a person described above;*
2. *The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or any individual occupying a named position; and*
3. *The written authorization is submitted to the department.*

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.



Responsible Official Signature

9-18-2018

Date

VAR040120

Permit Number

Dulles Toll Road - MWAA

MS4 Name

Background Information

This is the annual report submitted under Small Municipal Separate Storm Sewer Systems (MS4) Permit Number VAR040120 for the Dulles Toll Road (DTR) operated by the Metropolitan Washington Airports Authority (Airports Authority). This annual report is for the July 1, 2017 through June 30, 2018 reporting period.

Mike Stewart is the Airport Manager. Cyndi L. Ward is the Manager of the DTR, which oversees operation and maintenance of the DTR. Kenneth Lueth is the Manager of the Engineering & Facility Services Department, which oversees and ensures compliance of the MS4 permit. Jennell M. Lowry, Environmental Health & Safety Specialist, is responsible for maintaining compliance.

There are no new MS4 outfalls added during the permit year. There are no significant changes expected for the next reporting period of the MS4 Permit.

Information Required for any Applicable Total Maximum Daily Load (TMDL) Special Conditions

The DTR is subject to the Chesapeake Bay TMDL. In accordance with the conditions in the General MS4 permit, the Airports Authority developed and implemented a Chesapeake Bay TMDL Action Plan. As a component of this plan, the Airports Authority utilizes street sweeping activity. The Airports Authority's DTR Shoulder Sweeping Contact collected 5 tons (10,000 pounds) of material during the reporting period.

| Reporting Period | Pounds Collected | Dry Weight of Material | Pollutant Reduction | | |
|------------------|------------------|------------------------|---------------------|------------------|------------------------|
| | | | Total Nitrogen | Total Phosphorus | Total Suspended Solids |
| 2017-2018 | 10,000 | 7,000 | 17.5 | 7.0 | 2,100.0 |
| 2016-2017 | 10,000 | 7,000 | 17.5 | 7.0 | 2,100.0 |
| 2015-2016 | 19,500 | 13,650 | 34.1 | 13.7 | 4,095.0 |
| 2014-2015 | 21,500 | 15,050 | 37.6 | 15.1 | 4,515.0 |
| 2013-2014 | 22,000 | 15,400 | 38.5 | 15.4 | 4,620.0 |

The Airports Authority will conduct street sweeping for the 2018-2019 reporting period. The Airports Authority is currently evaluating additional control measures to be implemented to reach the compliance targets for nitrogen, phosphorus, and total suspended solids.

Minimum Control Measures

Public Education and Outreach

There are no high-priority water quality issues associated with the DTR property since there are no industrial activities occurring in the area nor are there any actions performed on the DTR that would attribute to degradation of stormwater quality.

Public Involvement and Participation

The Airports Authority maintains a copy of the MS4 Program Plan, annual report, and other documents associated with the MS4 on the Airports Authority's intranet: (<http://compass.mwaa.com>).

The Airports Authority's DTR Department participated in the Airports Authority's Dulles Day on September 23, 2017 and provided visitors reusable bags for use in their cars to reduce litter. Public participation is not achievable on the DTR, due to safety concerns on the roadway.

Illicit Discharge Detection and Elimination

The Airports Authority received notification from Loudoun County on August 29, 2017 that portions of their stormwater system discharge into the DTR stormwater system.

There are no outfalls associated with the DTR property.

There was one illicit discharge reported during the 2017-2018 reporting period.

- On March 22, 2018, an Enterprise Rental truck was involved in an accident resulting in the truck flipping onto its side. The release volume was estimated at less than 50 gallons of diesel and coolant. Fairfax County Fire Department personnel contained the spill and Atlas Environmental Services responded and performed additional clean-up operations.

Construction Site Stormwater Runoff Control

A total of two regulated land-disturbing activities occurred on the DTR during the 2017-2018 reporting cycle. The table below contains specific information for each construction project that occurred:

| Name of Project | Construction Permit Number | Total Number of Acres Disturbed | Total Number of Inspections Conducted | Enforcement Actions Taken |
|------------------------|-----------------------------------|--|--|----------------------------------|
| DTR Noise Wall 2 | VAR10G826 | 5.08 | 2 | 0 |
| Phase II Rail | VAR10D139 | 500 | 150 | 0 |

Post-Construction Stormwater Management in New Development and Development on Prior Developed Lands

There was no new stormwater management facilities brought online during the reporting period.

Pollution Prevention and Good Housekeeping

The Airports Authority uses contractors to perform many of the DTR daily operational procedures. All Airports Authority contractors for the DTR are required to keep a spill kit in every vehicle. If refueling is necessary on the DTR, contractors are required to use safety gas cans. All contractor employees are trained in spill response and refueling. The Airports Authority does not permit any of the contractors to store any material on the DTR property. Any waste materials generated by the contractor are required to be disposed of in accordance with all local, state, and federal regulations. The contract for landscaping services, which includes fertilizer and herbicide application, specifies the requirement for licensed operators and minimal use of fertilizer.

The DTR is not subject to the requirements of the turf and landscape nutrient management plan since the areas where fertilizer is applied are less than one acre in a continuous area.

There are no facilities on the DTR that have a high potential for chemicals or other materials to be discharged in stormwater, thus a Stormwater Pollution Prevention Plan (SWPPP) for the DTR is not required.

The table below contains the information in regards to the training received by Airports Authority employees during the reporting period:

| <i>Training Event</i> | <i>Training Date(s)</i> | <i>Number of Employees Attending</i> | <i>Objective of the Training</i> |
|----------------------------------|-------------------------|--------------------------------------|--|
| Environmental Awareness Training | April 2018 July 2018 | 35 employees | To provide training to comply with DEQ regulations. The training includes Hazardous Waste Storage and Handling, Spill Response, VPDES Permit (Dulles Airport), MS4 (DTR) Permit, Sanitary Discharge Permit, Storage Tanks, and Air Permit. |

Results of Information Collected and Analyzed

There are no outfalls associated with the DTR’s MS4 Permit.

Summary of Stormwater Activities Planned for Next Reporting Year

There are no planned stormwater activities for the next reporting cycle.

Change in any Identified Best Management Practices or Measurable Goals

The Airports Authority will update the MS4 Program Plan in accordance with the requirements of the reissued general permit.

Notice that the Operator is relying on Another Government Entity

The Airports Authority has not relied on another government entity to satisfy any of the permit obligations during this reporting year.

Approval Status of any Programs Pursuant to Section II.C

The Airports Authority has not pursued any programs related to Section II.C.