

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



SEP 20 2019

Ms. Anna Tuthill
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 1 Annual Report

Dear Ms. Tuthill:

Enclosed is the annual progress report for the period of July 1, 2018, through June 30, 2019, 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,



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 November 1, 2018 to October 31, 2023

Permit Year 1 Annual Report

Reporting Period: July 1, 2018-June 30, 2019

Submitted by: October 1, 2019

Prepared By:

Metropolitan Washington Airports Authority

Washington Dulles International Airport

Engineering and Maintenance Division

P.O. Box 17045

Washington, D.C. 20041

September 9, 2019

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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

9/20/19

Date

VAR040120

Permit Number

Dulles Toll Road - MWAA

MS4 Name

General Annual Reporting Requirements

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, 2018 through June 30, 2019 reporting period.

Mike Stewart is the Airport Manager. Stephan Settle 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 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.

Minimum Control Measures

Public Education and Outreach

The Airports Authority conducted the following public education and outreach during the reporting period:

- Distributed a MS4 fact sheet that contains information regarding illicit discharges, including notification procedures, in January 2019.
- Displayed posters at all four entrances into the DTR Administration Building regarding stormwater quality and impacts to watershed on April 19, 2019.
- The give-away item at Dulles Day was not conducted during this reporting period since the event was cancelled.

Public Involvement and Participation

The Airports Authority has received no public input on the MS4 Program.

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 webpage (<https://www.mwaa.com/business/building-codes-environmental-department>).

The Airports Authority conducted/participated in the following events:

- The Airports Authority's Dulles Day was scheduled for September 15, 2018. This event was cancelled due to weather concerns.
- The Airports Authority cancelled the Horsepen Run stream clean-up that was scheduled for March 23, 2019 due to unsafe conditions as a result of significant rain events prior to the scheduled clean-up.
- The Airports Authority is participating in the Salt Management Strategy working group.

Illicit Discharge Detection and Elimination

The Airports Authority submitted the MS4 map on March 25, 2019, and resubmitted the information on June 12, 2019. There have been no changes to the MS4 map since the submittal.

There are no outfalls associated with the DTR property.

There was one illicit discharge reported during the 2018-2019 reporting period.

- On October 1, 2018 approximately 35 gallons of diesel fuel was spilled when the engine compartment on an excavator, owned by Shirley Contracting, caught fire. The spilled material was collected and affected soils removed. No drains were impacted as a result of this spill.

Construction Site Stormwater Runoff Control

A total of two regulated land-disturbing activities occurred on the DTR during the 2018-2019 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
Phase II Rail	VAR10D139	500	336	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. The stormwater management facilities owned by the Airports Authority along the DTR property were inspected on September 9 and 19, 2018.

Pollution Prevention and Good Housekeeping

There were no operational procedures developed or modified per Part I.E.6.a during the reporting cycle.

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 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.

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	June 2019	24 employees	To provide training to comply with DEQ regulations. The training includes MS4 (DTR) Permit, Hazardous Waste Management, Spill Response, and Storage Tanks.

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
2018-2019	10,000	7,000	17.5	7.0	2,100

The Airports Authority anticipates the collection of approximately 30,000 pounds of material during the 2019-2020 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.