



September 2, 2015

Ms. Susan Mackert
Water Permit Writer, Senior II
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 Number VAR040120;
Permit Year 2 Annual Report

Dear Ms. Mackert:

The Metropolitan Washington Airports Authority (Airports Authority) applied for a new Small Municipal Separate Storm Sewer Systems (MS4) General Permit for the Dulles Toll Road (DTR) in July 2013. Enclosed is the annual progress report for the July 1, 2014 through June 30, 2015 period.

This annual report discusses progress made and decisions made on necessary future actions required to meet the intent of the MS4 General Permit, which is to reduce or eliminate contaminated stormwater runoff for DTR operations and property.

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 black ink, appearing to read "BAL", written over a light blue horizontal line.

Brian A. Leuck, P.E.
Manager, Engineering and Maintenance Department

BAL:alr

Enclosures

**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 2 Annual Report

Reporting Period: July 1, 2014-June 30, 2015

Submitted by October 1, 2015



Prepared by:

Metropolitan Washington Airports Authority
Washington Dulles International Airport
Engineering and Maintenance Division
PO Box 17045
Washington, D.C. 20041

September 1, 2015

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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

Date

VAR040120

Permit Number

Dulles Toll Road - MWAA

MS4 Name

Background Information

This is the fifth 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, 2014 through June 30, 2015 reporting period.

Christopher U. Browne is the Airport Manager. Cyndi L. Ward is Manager of the DTR, which oversees operation and maintenance of the DTR. Brian A. Leuck is the Manager of the Engineering & Maintenance Department, which oversees and ensures compliance of the MS4 permit. Jennell M. Lowry, Engineering Technician (Government Programs), 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.

Hydrologic Unit Codes

There are four Hydrologic Unit Codes (HUC) identified in the Virginia 6th Order National Watershed Boundary Dataset (NWBD) that transect the DTR drainage area, as listed and shown below. Since the entire width of the transportation corridor encompassing the Dulles Airport Access Highway (DAAH), the DTR, and future Washington Metropolitan Area Transit Authority (WMATA) rail only is 450 feet on average, very little drainage area exists in each HUC. Difficult Run (PL22) contains the majority of the DTR drainage area and has the most stream crossings under the DTR.

| COUNTY | VAHU6 | WATERSHED | STREAM CROSSINGS | Approximate Drainage Area (in acres) |
|-----------|-------|---------------|------------------|--------------------------------------|
| Loudoun | PL18 | Horsepen Run | 1 | 97 |
| Fairfax | PL21 | Sugarland Run | 3 | 103 |
| Fairfax | PL22 | Difficult Run | 5 | 368 |
| Arlington | PL23 | Potomac River | 2 | 108 |

Status of Compliance

The Airports Authority complies with all permit conditions.

Public Education and Outreach

The Airports Authority developed and maintains a webpage for the DTR Stormwater Management on www.mwaa.com. During the reporting period, the site had 2,346 views by

2,078 unique visitors. The Airports Authority’s Green Team set up a booth at Dulles Day held on September 20, 2014, which provided information to visitors on pollution prevention and going green. The Airports Authority cannot estimate the percentage of target audience reached since it is unknown if the visitors to the website and Dulles Day use the DTR.

The Airports Authority will continue to keep the DTR Stormwater Management webpage current. It is planned for the Airports Authority’s Green Team to participate and provide information at Dulles Day. The Airports Authority continues to evaluate additional options to provide public education and outreach.

Public Involvement and Participation

The Airports Authority maintains a copy of the MS4 Program Plan and the annual report on the DTR Stormwater Management webpage (<http://www.mwaa.com/tollroad/4630.htm>).

The Airports Authority’s Green Team participates in various local activities, including Adopt-A-Highway, Stream Clean-ups, and assisting with local Earth Day events. In addition, the Airports Authority’s Green Team participates in the Airports Authority’s Dulles Day and provides visitors with information on recycling and pollution prevention. The Airports Authority has received no notice of any local activities aimed at increasing public awareness of water quality and stormwater issues. The Airports Authority will attend, as appropriate, any meetings with Federal, the Commonwealth of Virginia, and local agencies concerning water quality and the DTR.

Illicit Discharge Detection and Elimination

The Airports Authority has received no written notifications of physical interconnection given by other MS4 operators. There is no monitoring associated with the outfalls on the DTR due to safety and accessibility problems. There were no reported illicit discharges reported during the 2014-2015 reporting period.

Construction Site Stormwater Runoff Control

Three regulated land-disturbing activities occurred on the DTR during the 2014-2015 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 |
|---|----------------------------|---------------------------------|---------------------------------------|---------------------------|
| Package 1 Noise Wall | VAR10G605 | 1.1 | 10 | N/A |
| Replacement of Soundwall 106 at Wolf Trap Meadows | VAR10C603 | 1.7 | 29 | N/A |
| Phase II Rail | VAR10D139 | 500 | 64 | N/A |

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

Eight stormwater retention ponds were turned over from the Dulles Corridor Metrorail Project to the Airports Authority during this reporting period. An electronic copy of the Stormwater Management Facility database will be sent to DEQ with the electronic copy of this annual report.

Pollution Prevention and Good Housekeeping

The Airports Authority uses contractors to perform many of the daily operational procedures. 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 Airports Authority will develop a SWPPP for the DTR upon completion of the Dulles Corridor Metrorail Project.

The DTR is not subject to the requirements of the turf and landscape nutrient management plan since the area where fertilizer is applied is less than one acre in a continuous area. In addition, the Airports Authority does not apply any deicing agent containing urea or other forms of nitrogen or phosphorus to the roadway.

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 | November 5, 2014 November 12, 2014 November 13, 2014 November 17, 2014 | 251 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

Due to safety and accessibility, no monitoring data was collected during the reporting period. The Airports Authority will conduct visual observations as part of the annual inspections at the stormwater management ponds.

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 is not aware of any deficiencies in the identified best management practices and foresees no necessary changes.

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.

Information Required for any Applicable TMDL Special Conditions

The Airports Authority has included a copy of its Action Plan for the Chesapeake Bay Total Maximum Daily Load (TMDL) with this report.