

To: MA-70, 90, 100, 200, 400
From: Roger Natsuhara – MA-30
Subject: Stormwater Management Policy (Revision 1)
Date: October 10, 2018

A change in the Virginia Department of Environmental Stormwater Regulations has increased the water quality and quantity requirements for new and re-developed projects. This change has resulted in additional Authority land requests from outside agencies and interest in using existing Authority maintained stormwater facilities to meet the requirements. The Office of Engineering has developed the following Stormwater Policy that provides direction for non-Authority stormwater management.

**Metropolitan Washington Airports Authority
Stormwater Management Policy
(Revised October, 2018)**

The Metropolitan Washington Airports Authority's stormwater policy follows the Virginia Department of Environmental Quality stormwater management regulations that include controls to improve the quality of stormwater prior to discharge, reduce the erosive effects of stormwater from new and re-developed sites, increase groundwater recharge, provide channel protection, flood control and promote non-structural stormwater site design.

General Information

The Stormwater Management Regulations (Virginia Stormwater Management Program (VSMP)) Regulation (9VAC25-870) specifies the minimum technical criteria and administrative procedures for stormwater management programs in Virginia. These regulations also establish minimum technical criteria and administrative procedures that apply to land development projects conducted by state agencies. The Virginia Department of Environmental Quality (VDEQ) is the lead agency for developing and implementing statewide stormwater management and pollution control programs.

The Metropolitan Washington Airports Authority (Authority) is a VDEQ approved Annual Standards and Specifications holder that administers the Stormwater/Erosion and Sediment Control Program (SW/ES&C) for all land disturbing activities at Ronald Reagan Washington National and Dulles International Airports, the Dulles Toll and Access Roads and associated Authority owned property. The Authority has approved Annual Standards and Specifications for the SW/ES&C program that is conducted by its internal workforce or contracted to external entities (where such activities are regulated by the Virginia SW/E&SC Law) that must be followed. The implementation of this program resides in the Office of Engineering, Environmental Department.

Stormwater Management Policy for Non-Authority and/or Outside Agency projects

This policy is intended for any individual, firm, corporation, partnership, association, organization or other entity, including state and governmental entities, or any other combination requesting to use land or existing stormwater management facilities under the direction of the Metropolitan Washington Airports Authority. Stormwater management facilities includes both structural and non-structural stormwater infrastructure established to manage stormwater runoff and drainage.

The stormwater management items includes, but is not limited to, the following new or existing facilities and equipment, storm drains, storm sewers, catch-basins, drop inlets, pipes, open channels and ditches, wet and dry detention facilities, bio-retention facilities, ponds, lakes, constructed wetlands and any other facilities deemed stormwater management.

The use of existing Authority stormwater management features or land for the installation of temporary or permanent stormwater management facilities as described above that are not associated with approved Authority functions or that are located outside the original line and grade limits of the requested easement are prohibited unless specifically approved by the Authority's Vice President for Engineering.

Stormwater management facilities for both quantity and quality shall be incorporated within the project boundaries. The use of the Authority land for the installation of stormwater management facilities will not be approved. Purchasing offsite nutrient credits to satisfy the water quality requirements of 9VAC25-870-65 is prohibited unless approved by the Authority's Vice President for Engineering prior to starting design.

Regulations and Reference Materials

The current editions of the following regulations shall be used in the stormwater design development:

- Commonwealth of Virginia – Erosion and Sediment Control law
- Commonwealth of Virginia – Erosion and Sediment Control and Stormwater Management Certification Regulations
- Commonwealth of Virginia – Virginia Erosion and Sediment Control Program Regulation
- Commonwealth of Virginia – Virginia Stormwater Management Act
- Commonwealth of Virginia – Virginia Stormwater Management Program (VSMP) Regulations
- Commonwealth of Virginia – General VPDES Permit for Discharges of Stormwater from Construction Activities Regulation
- Federal Aviation Administration Advisory Circular 150/5200-33B.

Please reference this policy in all requests requiring the temporary or permanent use of airport property.