

Name of Practice: VOLUNTARY ROOF RUNOFF MANAGEMENT SYSTEM  
DCR Specifications for No. VWQ-12

This document specifies terms and conditions for the Virginia Department of Conservation and Recreation's Voluntary Roof Runoff Management System best management practice, which are applicable to all contracts entered into with respect to that practice.

A. Description and Purpose

This practice establishes a planned system designed to manage roof runoff from agricultural structures in areas where concentrated runoff creates a water quality concern. This practice is designed to collect, control, and convey precipitation runoff from a roof to an appropriate discharge area in a way that will protect water quality.

The purpose of this practice is to protect water quality by capturing roof runoff and routing it away from contaminated and/or sensitive areas to control erosion and nutrient input.

B. Policies and Specifications

1. The practice is limited to solving and identified water quality concern resulting from the precipitation runoff from a roof of an existing agricultural structure that becomes contaminated by contact with animal waste and is polluting surface or ground water. The practice is for retro-fit of an existing agricultural structure only. The existing structure shall be suitable and adequate for the installation of properly designed gutters over the lifespan of the practice. Roof runoff management systems on new or planned structures and/or non-agricultural structures are not eligible.
2. This practice may contain gutters, down spouts, fascia bards, snow and ice retaining systems, collector pipes, cisterns, subsurface drains, underground outlets, diversions, channels, waterways, designed filter strips, land shaping, and similar measures needed as part of a system to manage roof runoff.
3. Only planned system that will contribute significantly to protecting water quality by keeping roof runoff away from contaminated and/or sensitive areas are eligible.
4. This practice is subject to NRCS Standards: 362 Diversion, 558 Roof Runoff Structure, 561 Heavy Use Protection, 342 Critical Area Planting, 393 Filter Strip, 412 Grassed Waterway, 468 Lined Waterway or Outlet, 606 Subsurface Drain, and 620 Underground Outlet.

5. All practice components implemented should be maintained for a minimum of five years following the calendar year of installation. The lifespan begins on Jan. 1 of the calendar year following the year of certification of completion. This practice is subject to spot check by the District throughout the lifespan of the practice.

C. Technical Responsibility

Technical and administrative responsibility is assigned to qualified technical DCR and District staff in consultation, where appropriate and based on the controlling standard, with DCR, Virginia Certified Nutrient Management Planner(s), NRCS, DOF, and VCE. Individuals certifying technical need and technical practice installation shall have appropriate certifications as identified above and/or Engineering Job Approval Authority (EJAA) for the designed and installed component(s). All practices are subject to spot check procedures and any other quality control measures.

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