

Name of Practice: VOLUNTARY STREAM CROSSINGS & HARDENED ACCESS
DCR Specifications for No. VWP-2B

This document specifies terms and conditions for the Virginia Department of Conservation and Recreation's voluntary stream crossings and hardened access best management practice that are applicable to all contracts entered into with respect to that practice.

A. Description and Purpose

A stabilized area to provide access to and/or across a stream for livestock and/or farm machinery, to improve water quality by controlling bank and streambed erosion and reducing sediment by providing a controlled crossing and/or access to streams.

B. Policies and Specifications

1. This practice may contain:
 - i. riprap to stabilize the stream bank and bed;
 - ii. pipe to pass water under crossing;
 - iii. concrete and forming work to construct a concrete crossing; and
 - iv. excavation work to slope the stream bank to a less erosive slope.
2. All local, state and federal permits must be obtained before construction may begin.
3. Soil loss rates must be computed for all applications.
4. The practice must not be in lifespan from any other conservation program.
5. This practice is subject to NRCS Standards 342 Critical Area Stabilization, 560 Access Road, 575 Trails and Walkways, 578 Stream Crossing, and 584 Channel Stabilization.
6. All practice components implemented should be maintained for a minimum of 5 years following the calendar year of installation. 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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