

Name of Practice: VOLUNTARY ANIMAL WASTE CONTROL FACILITIES
DCR Specifications for No. VWP-4

This document specifies terms and conditions for the Virginia Department of Conservation and Recreation's animal waste control facilities best management practice, which are applicable to all contracts, entered into with respect to that practice.

A. Description and Purpose

A planned system designed to manage liquid and/or solid waste from areas where livestock and poultry are concentrated. This practice is designed to provide facilities for the storage and handling of livestock and poultry waste and the control of surface runoff water to permit the recycling of animal waste onto the land in a way that will abate pollution that would otherwise result from existing livestock or poultry operations.

To improve water quality by storing and spreading waste at the proper time, rate and location, and/or to control erosion and nutrient input caused by winter-feeding operations located adjacent to riparian areas.

B. Policies and Specifications

1. This practice may contain animal waste storage facilities, such as dry stacking, dry stacking storage, aerobic or anaerobic lagoons, liquid manure tanks, holding ponds, collection basins, settling basins, and similar facilities as well as diversions, channels, waterways, designed filter strips, outlet structures piping, land shaping, and similar measures needed as part of a system on the farm to manage animal wastes.
 - i. Fencing and vegetative cover (including mulching needed to protect the facility). Fencing can be included for livestock exclusion from live and intermittent streams in concentrated holding and winter-feeding areas.
 - ii. Leveling and filling to permit the installation of an effective system.
2. Animal waste facilities must meet local or State regulations.
3. All applicants must have:
 - i. A nutrient management plan developed in accordance with requirements for nutrient management plan content and procedures as stipulated in the Nutrient Management Training and Certification Regulations for land application or a planned waste management system for any other uses of manure produced. The nutrient management plan should address all the acreage, which the participant farms where manure will be applied. The nutrient management plan should be implemented and maintained for the life of the practice. Design storage capacity of animal waste facilities should be coordinated with the nutrient management plan so that adequate

- storage capacity is installed for the specific cropping system.
 - ii. A manure test for nutrient analysis.
- 4. All appropriate local and state permits must be obtained.
- 5. The practice must not be in lifespan from any other conservation program.
- 6. This practice is subject to NRCS standards Comprehensive Nutrient Management Plan (CNMP), which include NRCS Standards 313 Waste Storage Structure, 342 Critical Area Planting, 359 Waste Treatment Lagoon, 362 Diversion, 367 Roofs and Covers, 382 Fence, 412 Grassed Waterway, 558 Roof Run Off Management, 561 Heavy Use Protection, 575 Trails and Walkways, 590 Nutrient Management, 620 Underground Outlet, 633 Waste Recycling and 634 Waste Transfer.
- 7. 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 SWCD throughout the lifespan of the practice.

C. Technical Responsibility

Technical and administrative responsibility is assigned to qualified technical DCR and SWCD 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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