

**NATURAL RESOURCES CONSERVATION SERVICE**

**VIRGINIA**

**OPERATION AND MAINTENANCE REQUIREMENTS**

**ROOF RUNOFF STRUCTURE**

**CODE 558**

Land Owner/Operator \_\_\_\_\_

County \_\_\_\_\_ SWCD \_\_\_\_\_ Farm/Tract No. \_\_\_\_\_

Prepared By \_\_\_\_\_ Date \_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

Properly operated and maintained roof runoff facilities are an asset to the farm. Roof runoff facilities were designed and installed to control roof runoff. Estimated life span of this installation is at least 10 years. The life of the roof runoff system can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Keep roof runoff structures clean and free of obstructions that reduce flow. Periodically remove debris from gutters, downspouts and all other outlet facilities.
- Make regular inspections and perform repair maintenance as needed to ensure proper functioning of the roof runoff components. Inspections should also be made after each storm event. Keep gutters, downspouts, pumps, conveyance pipelines, ditches, trash guards, structures, and appurtenances in good operating condition.
- Protect downspouts from damage by livestock and equipment. Repair or replace damaged components as needed.
- Maintain outlet protection at gutter downspouts, pipelines, ditches, and other structures. Repair or replace stone or other measures as required.
- Maintain a vigorous vegetative cover over any ditches or other conveyance channels. Re-fertilize, re-seed, and re-mulch as needed until cover becomes well established.
- Ensure runoff is directed away from animal waste facilities, feedlots, or other environmentally sensitive areas where excess runoff can cause a problem. Outlets shall be maintained at locations designated in the design. If a change needs to be made to outlet locations, contact your local NRCS service center for assistance.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.

