

**NATURAL RESOURCES CONSERVATION SERVICE**

**VIRGINIA**

**OPERATION AND MAINTENANCE REQUIREMENTS**

**MANURE TRANSFER**

**CODE 634**

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

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

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

**OPERATION AND MAINTENANCE ITEMS**

A properly operated and maintained manure transfer system is an asset to your farm. This system was installed to transfer animal manure, bedding material, spilled feed, process and wash water, and other residues associated with animal production through a hopper or reception pit, a pump (if applicable), and/or conduit to a manure storage/treatment facility, a loading area, and/or to agricultural land for final utilization. This includes application of manure to the utilization area. Estimated life span of this installation is at least \_\_\_\_\_ years. The life of this installation 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:

- All associated components shall be inspected regularly and maintained in proper working order. Any needed repairs shall be made immediately.
- Do not allow the operation of any equipment that exceeds the design limit on or within ten feet of the structure.
- Maintain the design depth of cover over conduits. All settlement or cracks in the soil should be investigated to determine their cause and immediately repaired. Excessive settlement or voids in the line present a hazard to livestock and should be backfilled and compacted immediately.
- Avoid travel by heavy equipment over conduits when the soil is saturated except at designed crossings. Limit traffic to sections that were designed for traffic loads. Avoid any sub-soiling operation that may disturb or destroy the conduits. Maintain erosion protection at outlets.
- Any curbs, wooden parts, hardware, or other replaceable parts which are damaged or show excessive wear or decay shall be replaced. Roof structures should be examined for structural integrity.
- Maintain all pumps, agitators, piping, valves and all other electrical and mechanical equipment in good operating condition by following the manufacturer's recommendations. Maintain grounding rods and wiring for all electrical equipment in good condition.

