

## WASTE TRANSFER

### OPERATION AND MAINTENANCE PLAN

Operator: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

A properly operated waste transfer is an asset to your farm. This waste transfer was designed and installed to transfer animal manure (bedding material, spilled feed, process and wash water, and other residues associated with animal production may be included) through a hopper or reception pit, a pump (if applicable), a conduit, or hauling equipment to a manure storage/treatment facility, a loading area, or to agricultural land for final utilization for your farm. The practice must be maintained for the life span of the practice which is 15 years. The life of the practice can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. The following actions shall be carried out to insure that the practice functions as intended throughout its life span.

1. Inspect after significant storm events and at least annually to identify repair and maintenance needs.
2. Follow your comprehensive nutrient management plan.
3. Maintain any required records.
4. Do not enter confined places without proper safety precautions for breathing and exit while inspecting or repairing equipment.
5. Perform routine maintenance of all mechanical components in accordance with manufacturer's recommendations.
6. Routinely inspect or test all pipe, sumps, pumps, electrical systems, controls, and other components and appurtenances.
7. Promptly repair or replace damaged or inoperable components.
8. Protect the components from damage by farm equipment and livestock.
9. Repair any settlement or erosion that occurs around pipes with soil and reseed as needed. If this problem persists, evaluate the pipe for leakage and erosion of the fill material into or along the pipe.
10. Perform planned management actions intended to minimize odors during transfer operations.
11. Perform planned management actions intended to minimize flies during transfer operations.
12. Perform planned management actions intended to minimize risk of gas build up and pipeline explosions.
13. Flush pipelines with clean water for solids removal when outflow appears slower.

14. Perform routine removal of solids from conveyance conduits such as concrete lined ditches, etc.

For Temporary Storage, Headland Stacking, or Stockpiling of Solid Manure use the following:

Inspections and maintenance are required to achieve the intended function, benefits, and life of the practice. The landowner/operator is responsible to establish and implement an inspection and maintenance program. Items to inspect and maintain during the up to 90-day design life of the practice include, but are not limited to, the following:

1. Inspect after significant storm events to identify maintenance needs.
2. Follow your comprehensive nutrient management plan.
3. Maintain any required records.
4. After removing the manure to the fullest extent practicable, incorporate any remaining manure into the soil as part of the required vegetation re-establishment.
5. After removal and utilization of the manure, re-establish vegetative cover at the temporary storage location either through a crop or grass planting.

#### **SPECIFIC RECOMMENDATIONS FOR YOUR INSTALLATION**

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**CONTACT YOUR LOCAL NATURAL RESOURCES CONSERVATION SERVICE OFFICE FOR ANY ADDITIONAL TECHNICAL ASSISTANCE YOU MIGHT NEED FOR IMPLEMENTATION OF THIS OPERATION AND MAINTENANCE PLAN FOR YOUR STRUCTURE.**

**New Castle Field Office**  
(302) 832-3100

**Kent Field Office**  
(302) 741-2600

**Sussex Field Office**  
(302) 856-3990

Landowner Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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