

## DAIRY WASTE STORAGE STRUCTURE

### OPERATION AND MAINTENANCE PLAN

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

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

A properly operated and maintained waste storage structure is an asset to your farm. This waste storage structure was designed and installed to provide temporary storage of animal waste. The practice life span of this installation is 15 years. The life of the structure can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This structure 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. Maintain all pumps, agitators, piping, valves, and electrical and mechanical equipment in good working condition following the manufacturer's recommendations.
2. Maintain grounding rods and wiring of all electrical equipment in good working condition.
3. Prior to any large rain event, tank shall be checked to ensure adequate storage is available.
4. Prior to the storage season, empty the tank to provide storage capacity for the accumulation of animal wastes and precipitation during the storage period.
5. See producers CNMP for proper times for waste removal application rates and spreading locations. Any deviations from the CNMP recommendations shall be discussed with an NRCS planner prior to implementation.
6. All fencing, railings, and/or warning signs shall be maintained to prevent unauthorized human or livestock entry.
7. Immediately repair any vehicular or livestock damage to any earthfills, gates, or outlets.
8. Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
9. Make sure all structure drains are functional and soil is not being transported through the drainage system. The screens and/or rodent guards shall be kept in place.
10. Outlets of foundation drains should be checked frequently and kept open. The outflow from these drains should be checked periodically when the storage facility is being used to determine if there is leakage from the facility into these drains. Leakage may be detected by the color and smell of the outflowing liquid, by lush dark green growth of vegetation around the outlet, by the growth of algae

in the surface ditch or by the vegetation being killed by the outflowing liquid. If leakage is detected, repairs should be planned and made to prevent the possible contamination of groundwater.

11. Repair damaged concrete surfaces.
12. Repair or replace rusted or damaged metal and paint.
13. Apply insecticide for insect control as needed as per the manufacturer's recommendations and precautions.
14. Follow the operation and management plan in order to minimize odor and air drift.
15. Inspect haul roads and approaches to and from the storage facility to determine the need for stone, gravel, or other stabilizing material.
16. Check push off ramps, headwalls, retaining walls, and other structural components for deterioration, instability, or damage. Repair as necessary.

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

---

---

---

---

**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: \_\_\_\_\_

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.