

## **WASTE STORAGE FACILITY (Liquid System)**

### **CODE 313**

#### **OPERATION AND MAINTENANCE PLAN**



The life of this installation can be assured and usually increased by developing and carrying out a good operation and maintenance program. Operation and Maintenance (O & M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The land user is responsible for proper O & M throughout the life of the practice and as may be required by federal, state, or local laws or regulations. The waste storage facility is designed and installed for temporary storage of animal manure, bedding, and associated contaminated runoff and cleanup water.

Operation is defined as operating the practice in compliance with all laws, regulations, ordinances, and easements and in a manner that is beneficial to the environment and will permit the practice to serve its intended purpose. Maintenance includes working to prevent deterioration of the practice, repairing damage, or replacing components that may fail.

#### **Necessary operation and maintenance items for this practice include:**

- **Do not allow human entry to any enclosed structure without safety equipment that includes ladders and breathing apparatus.**
- **Do not allow the operation of any equipment that exceeds the design load limit on or within 20 feet of the structure.**
- **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.**
- **All fences, railings, and/or warning signs shall be maintained to prevent unauthorized human or livestock entry.**
- **Immediately repair any vandalism and vehicular or livestock damage to the structure, earthen areas surrounding the structure, or any appurtenances.**
- **Maintain all lids, grates, and shields on ramps and openings to underground structures.**
- **Immediately remove all foreign debris within the structure that may cause damage to pumps or agitators.**
- **Make sure that the foundation drains are functional and screens and/or rodent guards are in place.**
- **Maintain the soil covering adjacent to all structures at elevations shown on the plan.**
- **Follow the schedule developed for emptying the structure.**

- **Eradicate or otherwise remove all rodents or burrowing animals.**
- **Repair spalls, cracks, and weathered areas in concrete surfaces.**
- **Repair or replace rusted or damaged metal and paint.**
- **Replace weathered or displaced rock riprap to constructed grade.**
- **Apply insecticides for insect control as per manufacturer's recommendations and precautions, as needed.**
- **Operate system in a manner to minimize odors and air drift.**

**Other:**

<b>Tract/Field No.:</b>			
<b>Landowner/Operator Name:</b>		<b>Review Date:</b>	
<b>Prepared By:</b>		<b>Date:</b>	