

**OPERATION AND MAINTENANCE PLAN  
WASTE STORAGE FACILITY  
CODE 313**

Landowner/Operator \_\_\_\_\_

Job Location \_\_\_\_\_ GPS \_\_\_\_\_

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

**Operation and Maintenance Items**

A properly operated and maintained waste storage structure is an asset to your farm. This waste storage structure was designed and installed for temporary storage of animal wastes. The estimated life span of this installation is at least 10 years. The life of this installation can be assured and usually increased by developing and carrying out an effective operation and maintenance program. Your operation and maintenance program should include:

- Prior to the storage season, empty the storage facility following the design.
- Do not allow any equipment that exceeds design load limits on or within twenty feet of the structure.
- Poison gases are often heavier than air and may be trapped in closed waste storage structures. Do not allow human entry without safety equipment, including ladders and breathing apparatus. Maintain all lids, grates and shields on openings to underground or enclosed structures.
- Maintain all pumps, agitators, piping, valves and all other electrical and mechanical equipment in good operating condition following electrical codes and manufacturers' recommendations. Inspect and repair grounding rods, switches, and wiring.
- Settlement or cracks in earthen sections must be investigated (to determine the cause) and repaired.
- Inspect concrete for accelerated weathering, spalling, settlement, misalignment or cracks. Repair defects.
- Inspect rock riprap for accelerated weathering and displacement. Repair to original grades if necessary.
- Inspect metal surfaces for rust and other damage. Especially inspect sections in contact with earthfill and/or other materials. Repair or replace damaged sections and apply a protective covering.
- Make sure all structure drains are functional and soil is not being transported through the drainage system. Screens and/or rodent guards must be maintained and in place.
- Repair any rodent, burrowing animal, vandalism, vehicle, or livestock damage. Remove debris.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Periodic mowing may also be needed.
- Fences, railings, and warning signs must be maintained to provide warning and prevent unauthorized entry.

Other \_\_\_\_\_

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