

OPERATION AND MAINTENANCE PLAN
Waste Storage Facility
Code 313

Landowner/Operator	Farm/Tract No.
Job Location	Area
Field Office	County
Prepared By	Date

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 15-year design life of the practice include, but are not limited to, the following:

General Recommendations:

- Provide periodic inspections twice per year and immediately following storms with a 10-year or greater return frequency to identify repair and maintenance needs.
- Follow your Comprehensive Nutrient Management Plan (CNMP).
- Do not dispose of animal mortality, greases, syringes, human waste, or other wastes in the pond.
- A thorough inspection of clay or geosynthetic liners, and concrete sumps, pits, walls, ramps and floors often for separations and/or cracks which would indicate potential failure should be made each time the pond is emptied. Repairs should be made immediately.
- Inspect haul roads and approaches to and from the storage facility frequently to determine the need for stone or other stabilizing materials. Repair roads as needed.
- All pipes, pumps, valves, gates, etc., should be inspected a minimum of twice a year. Inspect for functional and structural soundness. Repair as needed.
- Mow the embankments twice a year. Good vegetative cover should be maintained on earth embankments. If the vegetative cover is damaged, embankments should be revegetated as soon as possible.
- Check frequently for burrowing animals. When found, remove the burrowing animals, replace materials, reseed and mulch.
- All fences and gates should be inspected at least twice a year. Damaged fences and gates should be repaired or replaced as soon as possible.
- Maintain appropriate warning signs.
- Safety stations should be inspected at least twice a year. Safety items such as ropes and swim rings should be replaced as necessary.

- Maintain the depth gauge that visually shows the following elevations:
 - Maximum operating level.
- Begin emptying or drawdown according to the schedule in the CNMP. If premature unloading of the contents is required, use the fields designated in the CNMP for everyday spreading. Unload the contents of the storage facility before they reach the maximum operating level.
- Operate System in a manner that minimizes odors and air drift.
- Keep loading areas clean. Clean all spills immediately. Do not allow contaminated runoff to flow into streams or road ditches.
- Agitating should be completed at the appropriate location(s) in order to avoid maintain the pond liner material.
- Inspect the outlet of any artificial drainage system installed to lower a perched seasonal high water table adjacent to the waste storage facility. The inspections should occur at least twice a year: (a) once during the high water table season to ensure that water is flowing indicating the system is operating [not blocked] and (b) once during the dry season to ensure there is no direct leakage from the storage facility into the drainage system that may be indicated by high flow rate, turbidity, discoloration, odors or other unusual characteristics of the flow. Immediately investigate any indication of blockage or leakage and consult a qualified individual for any corrective action needed.

Special Considerations:

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Optional items to consider:

- Waste should be spread on the fields, at the times and at the rate specified in the waste utilization plan.
- Waste should not be spread on fields that may be flooded prior to incorporation of the waste into the soil.
- Waste should not be spread within 24 hours of a predicted rain, unless it can be

incorporated at the time of application.

- Waste spread on fields should be incorporated within 4 hours in order to reduce the loss of available nitrogen to plants.

Signatures:

Reviewed By _____ Date _____
Landowner/Producer

Reviewed By _____ Date _____
Landowner/Producer