

**OPERATION AND MAINTENANCE PLAN
FOR
WASTE STORAGE FACILITY**

Landowner/user: Date:

Address:

A properly operated and maintained **Waste Storage Facility** is an asset to your property. This system is designed and installed to be a temporary storage for animal manure, wastewater, and contaminated runoff as a function of an agricultural waste management system. The estimated 15-year life of this installation 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 operation and maintenance to maintain satisfactory performance. The following are some recommendations to help you develop a good operation and maintenance program.

Operation and Maintenance for a liquid system

1. Maintain the fence around the top of the storage pit.
2. Maintain, repair, or replace warning signs as needed.
3. Check and repair cracks or shifting of earth or concrete components when pit is empty.
4. Monitor the earth berm surrounding the structure periodically for burrowing animals, noxious and invasive plant species, small trees and shrubs and remove as required.
5. Maintain healthy vegetation on the earth berm.
6. Repair any settlement, erosion, bare spots or burrows in the earth berm.
7. Waste levels will be monitored during and following unusual storm events.
8. As full capacity is approached, enough waste shall be removed at the earliest environmentally safe period to ensure that sufficient capacity is available to accommodate subsequent storm events. Structures are required to maintain a freeboard area and storage for a 25-year storm event. The maximum operating level for this structure is _____ vertical feet. The depth needed to handle the 25 year storm event is 0.5 vertical feet. The required freeboard is _____ vertical feet.
9. Waste shall be removed from storage and utilized at locations, times, and rates in accordance with the Nutrient Management Plan (590) developed for this farm. Enough storage shall be available to accommodate the Maine State no spreading window of December 1st through March 15th. Local ordinances or CNMPs may have a larger window.
10. After emptying liquid waste and, if needed upon inspection, remove accumulated solids to preserve storage capacity.

Specific Recommendations for Your Practice including operating schedule

OPERATION AND MAINTENANCE PLAN

**FOR
CONCRETE STACKING PAD**

Landowner/user: Date:

Address:

A properly operated and maintained **concrete stacking pad** is an asset to your property. This system is designed and installed to be a temporary storage for animal manure as a function of an agricultural waste management system. The estimated 15-year life of this installation 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 operation and maintenance to maintain satisfactory performance. The following are some recommendations to help you develop a good operation and maintenance program.

Operation and Maintenance for concrete stacking pad

1. Maintain vegetation on the earth berm. Remove burrowing animals and repair damage.
2. Control noxious and invasive weeds and shrubs and trees as they start to grow on the earth berm.
3. Annually harvest filter strip vegetation to encourage dense growth and to maintain an upright growth habit. Controlled grazing may be used to remove the vegetation provided the animals are removed when stubble has been reduced to 3 to 4 inches tall.
4. Controlled grazing should only be used when soil moisture conditions will support livestock traffic without excessive compaction.
5. Remove manure to a field stacking site when full capacity is reached and more space is needed.
6. Waste shall be removed from the stacking pad and utilized at locations, times, and rates in accordance with the Nutrient Management Plan (590) developed for this farm.
7. Use caution when emptying the stacking pad so as not to damage the earth berm. Repair damage as necessary.
8. Maintain the access to the pad.

Specific Recommendations for Your Practice including operating schedule

IF THE PRACTICE HAS A ROOF INVOLVED, THE FOLLOWING OPERATION AND MAINTENANCE ITEMS MAY APPLY.

1. Inspect condition of trusses, bracing, support walls, roofing material, and siding for damage from insects, water, wind, vehicles or animals. Repair as needed immediately.

2. Inspect condition of all fasteners (nails, bolts, strapping) to ensure they are tight and intact. Tighten, repair, or replace as needed immediately.
3. Do not allow manure to come in contact with non-pressure treated wood for extended periods of time.
4. If glue laminated beams are used, care must be taken to minimize their exposure to moisture for extended periods.
5. Wood that is not pressure treated and is exposed to the weather needs to be stained or otherwise treated to protect it.
6. Excessive snow loads need to be removed from roof.