

Waste Treatment Lagoon/Storage Pond

Definition/Purpose

A Waste Treatment Lagoon means an impoundment made by excavation or earthfill for biological treatment and storage of animal waste. (DIP)

A Waste Storage Pond means an impoundment made by excavation or earthfill for temporary storage of animal waste, waste water and polluted runoff. (DIP)

Policies

1. All NRCS standards and NC Agriculture Cost Share Program policies relative to vegetation must be followed.
2. The temporary seeding of a lagoon/storage pond is not a cost shared BMP however, it may be necessary to prevent dike erosion and to assure practice integrity. Payment for the lagoon construction may be made prior to the establishment of permanent vegetation based on the following conditions:
 - a. The engineer submits in writing the reason temporary seeding is necessary and assurance is made that the cooperators will reseed to permanent vegetation as soon as it is practical; and
 - b. The cooperators will reimburse the cost shared funds of the lagoon/storage pond if permanent vegetation is not established in the first suitable growing season.
3. The Cost Share Program will pay for pumps to move waste to a lagoon or waste storage pond. Pumps needed to recycle water from the lagoon back to the house to flush the houses are a production requirement not eligible for cost share assistance. **The Cost Share Program will not pay for items/components which are not necessary for water quality benefits.**
4. Vegetation on the banks of the lagoon/storage pond is to be protected from livestock with permanent fencing, if applicable. Livestock are not to be used to mow the banks.
5. When existing lagoons are to be closed as part of retrofitting animal waste systems to meet 15A NCAC 02T .1300 certification, the contract for the retrofit must include information relative to the closing of the existing lagoon(s)/storage pond(s) and an explanation as to why closure of the lagoon/storage pond is necessary (instead of retrofitting the existing lagoon, a new lagoon is being built). Cost share for closure of lagoons/storage ponds which are part of a retrofit is limited to 75% of the cost to remove and land apply the volume of the lagoon/storage pond as determined by the District Office.
6. The Waste Management Plan or separate closure plan must include all the criteria of NRCS' standard for closure.

Agriculture Cost Share Program

WASTE TREATMENT LAGOON/STORAGE POND	
Maintenance Period	10 years
BMP Units	EACH
Required Effects	ANIMAL TYPE ANIMAL UNIT ACRES_AFFECTED N and P WASTE MANAGED
JAA/NRCS standards unless otherwise noted	ENG - 359 - Waste Treatment Lagoon ENG - 313- Waste Storage Facility ENG - 360 - Waste Facility Closure ECS - 590 - Nutrient Management
CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads. NC-ACSP-WMP Form
Additional Spot-check Requirements	All waste management systems for operations not permitted by the Division of Water Resources must be spot-checked annually for five years following implementation.