



Operation and Maintenance Plan
Pond Sealing or Lining – Compacted Soil Treatment, Code 520



Landowner/Operator:				Date:	
NRCS Service Center:			Conservation District:		
Location of Practice:	Lat:		Long:		
UTM Coordinates:					
	SEC:		TS:		R: Field ID:

GENERAL

A properly operated and maintained pond is an asset to your farm. This liner was designed and installed to reduce seepage losses for water conservation and/or environmental protection. The estimated life span of this installation is a minimum of 15 years for Bentonite Sealant and Compacted Clay Treatment and 20 years for Soil Dispersement Treatment. The life of this installation can be assured and possibly increased by performing operation and maintenance (O&M) activities.

This practice will require you to perform the O&M activities as listed below.

O&M REQUIREMENTS

- Repair damage to the liner occurring from erosion during initial filling, erosion resulting from wave action after the impoundment fills, and erosion caused by agitation, pumping operations, as well as activities involved in removal of solids and sludge.
- Prevent damage that might be caused by roots from trees and large shrubs by removing such vegetation at first appearance.
- Exclude animals and equipment from the treated area. If fences are installed, they shall be maintained to prevent entry of equipment and animals.
- Repair any disturbed or eroded areas to restore the liner to its original thickness and condition.
- Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity. (If threatened species are involved, follow policy on endangered or threatened species.)
- The practice should be inspected routinely and especially after major rainfall events. All items needing maintenance should be repaired immediately.
- Remove any debris that may enter the pond to prevent damage to liner.

Additional Operation and Maintenance Requirements Specific to this Plan: _____

