

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR**

**POND SEALING OR LINING
SOIL DISPERSANT TREATMENT**

CODE 521B

Name _____

Ident. No. _____

Legal Desc. _____

County _____

A properly operated and maintained pond lining is an asset to your farm. This sealing or lining was designed and installed to reduce seepage losses from ponds or waste impoundments for water conservation and environmental protection. The estimated life span of this system is at least 20 years. The life of this system can be ensured 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 for satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

General Recommendations

- Maintain the soil covering on artificial liners at the construction depth.
- Limit the use or travel of any equipment in the area that was sealed.
- Prevent all livestock from using any area of the pond that was sealed by artificial liners.
- Maintain installed fences to prevent unauthorized human access or uncontrolled livestock grazing.
- Determine and eliminate causes of settlement or cracks in the soil because these weaken earthen sections. These may accelerate the development of flow paths and might result in structure failure. Immediately repair damage.

- Inspect for damage by rodents or burrowing animals. Immediately repair any damage and take appropriate corrective actions to avoid further damage.
- Remove immediately any debris that may harm or reduce the effectiveness of sealants.
- Repair immediately any damage due to vandalism, vehicles, or livestock that has been done to any earthfills, spillways, outlets, or appurtenances.
- Repair any damage caused by agitation, pumping operations, wave action, and the removal of solids and/or sludge.
- Remove/control trees and shrubs from the bottom and side slopes of the pond or waste impoundment to prevent the roots from penetrating the liner.

Specific Recommendations

If you need additional technical assistance to implement the operation and maintenance plan for this structure, contact the Natural Resources Conservation Service (NRCS) at your local USDA Service Center (listed in the telephone book under United States Government).