

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

**POND SEALING OR LINING
FLEXIBLE MEMBRANE, SOIL DISPERSANT TREATMENT,
BENTONITE TREATMENT, COMPACTED CLAY LINER
(No.)**

CODE 521A, 521B, 521C, and 521D

Cooperator _____ Date _____

Address _____

Location: Section _____ Township _____ Range _____ Quad Sheet Name _____

 Northing _____ Easting _____ **OR** Longitude _____ Latitude _____

NRCS Field Office _____ County _____

This conservation practice is an asset to your farm or ranch. This practice will need periodic operation and maintenance to maintain satisfactory performance. The life of this practice or system is at least 15 years. The life of this practice can be assured or extended by thorough and timely operation and maintenance.

GENERAL RECOMMENDATIONS

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

- Excluding animals and equipment from the treated area,
- Protection of the liner during initial filling, agitation, or pumping operations. Repairing 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, and activities involved in removal of solids and sludge.
- Repair of disturbed or eroded areas.
- Design capacity and liquid level of the structure.
- A description of the normal operation, safety concerns and maintenance requirements.
 - Exclusion of animals and equipment;
 - Protection of the liner during initial filling;
 - Agitation;
 - Pumping procedures.
- Repair procedures.
- Periodic inspection of the following:
 - Visible portions of the liner for tears punctures, or other damage;
 - Liner interface with inlets, outlets, ramps, or other appurtenances for damage;
 - Liquid level in the structure;
 - Ballooning of the liner indicating presence of gas beneath the liner.
- Appurtenances such as trash racks, outlet structures, and valves shall be kept free of trash, debris, foreign materials or blockage and replaced when needed to prevent clogging of outlet and overflow pipes*

