

U.S. Department Of Agriculture
Natural Resources Conservation Service
Nevada

**Operation and Maintenance Plan
Pond (378)**

Landowner/Operator: _____
Project: _____
Location: _____ Sec. _____ T. _____ R. _____
NRCS Office: _____ Phone: _____

A properly operated and maintained Pond is an asset to your property. The estimated life span of the installation is at least 20 years and can be assured and usually increased by carrying out the following recommendations.

OPERATION AND MAINTENANCE CHECKLIST



- Ponds should be operated within their design freeboard without prolong encroachment on the freeboard. Spillways should be checked frequently for obstructions.
- Winter shutdown - If a pond is to be empty during freezing weather, the pond outlet should be in an open position to prevent accumulation of water in the pond and possible ice damage to the gate.
- Embankments or excavation slopes should be checked for excessive erosion cracks, or other evidence of leakage and restored to original condition.
- The top width and elevation of embankments should be checked and restored to original condition, and vegetation re-established if needed.
- Periodically inspect the spillways and control gates for proper functioning for their ability to maintain the water level to design elevations.
- Immediately remove sediment, debris or any obstructions that restricts capacity of spillways, trash racks and pipelines.
- Remove woody vegetation and perennials from embankments, spillways, and areas adjacent to any structural works.
- Maintain vigorous growth of desirable vegetative coverings. This includes reseeding, fertilization, and controlled application of herbicides when necessary. Periodic mowing may also be needed to control height.
- Make sure all structure drains are functional and soil is not being transported through the drainage system. Repair if not functioning. The screens and/or rodent guards shall also be kept in place.
- Immediately repair any vandalism, vehicular or livestock damage to any earthfills, spillways, outlets or other appurtenances.
- Eradicate or otherwise remove rodents or burrowing animals. Immediately repair any damage caused by their activity.

