



OPERATION AND MAINTENANCE

Pond (378)

_____ Land Owner _____ Service Center

_____ County _____ Date

A properly operated and maintained **Pond (378)** is an asset, and with proper management, will protect the natural resources. This structure was designed and installed to provide storage of water for beneficial uses. Other associated practices installed may be watering facility (614), pipeline (516), fence (378), access control (472), critical area planting (342), and others shall be maintained to assure the above practice functions at its best. The estimated life span of this installation is at least 20 years. The life of this installation can be assured and possibly increased by performing operation and maintenance (O&M) activities.

The activities as listed below, as a minimum, are required to operate and maintain (O&M) the practice to properly it manage and keep it in good repair.

- Periodically inspect the spillways and control gates for proper functioning in maintaining the water level to design elevations.
- Immediately remove any blockage or obstructions of spillways, trash racks and pipes.
- 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.
- If fences are installed, they shall be maintained to prevent unauthorized or livestock entry.
- Remove debris that may accumulate at the pond and immediately upstream or downstream from the pond.
- Immediately repair any erosion, vandalism, vehicular, or livestock damage to any earthfill, spillways, outlets or other appurtenances.
- Make sure all structure drains are functional and soil is not being transported through the drainage system. Repair if not functioning. Maintain screens and/or rodent guards.
- 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.)
- Remove woody vegetation from embankments.
- Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
- Repair spalls, cracks and weathered areas in concrete surfaces.

- Repair or replace rusted or damaged metal and paint.
- Replace weathered or displaced rock riprap to constructed grade.
- The practice should be inspected routinely and especially after major rainfall events. All items needing maintenance should be repaired immediately

Other Specific Requirements: _____

<u>Inspection Date</u>	<u>Items to be Repaired and Corrective Action Taken</u>	<u>Repair Date</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Contact your local NRCS office for any additional technical assistance you might need for implementation of this O&M plan.

This O&M Plan was discussed and a copy provided to the landowner/operator.

Signed by the Responsible NRCS Employee/Conservation Partner *Date*