



OPERATION AND MAINTENANCE PLAN

“IRRIGATION STORAGE OR REGULATING RESERVOIR”

Landowner/Operator: _____ **Date:** _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

OVERVIEW

A properly operated and maintained irrigation reservoir is an asset to your farm. This reservoir was designed and installed to provide storage for your irrigation system. The performance life of the structure can be assured 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 to maintain satisfactory performance. The following recommendations will help you in performing adequate operation and maintenance.

GENERAL RECOMMENDATIONS

- Periodically inspect the spillways and control gates for proper operation and for their ability to maintain the water level to design elevations.
- Immediately remove any blockage or obstructions of spillways, trash racks and pipelines.
- 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.
- 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.
- Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenances.

