



**Operation and Maintenance Plan
Irrigation Reservoir, Code 436**



Landowner/Operator:				Date:	
NRCS Service Center:		Conservation District:			
Location of Practice:	Lat:		Long:		
UTM Coordinates:					
	SEC:		TS:		R: Field ID:

GENERAL

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 estimated life span of this installation is at least 15 years. The life of the structure can be assured and possibly increased by performing operation and maintenance (O&M) activities.

This practice will require you to perform the O&M activities as listed below.

O&M REQUIREMENTS

- * 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 public 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 and free of blockage.
- * 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.)
- * Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenances.
- * Remove woody vegetation from embankments.
- * Avoid excessive travel on any portion of the system that will harm or destroy the vegetative cover.

