



**Operation and Maintenance Plan
Water & Sediment Control Basin, Code 638**



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 water and sediment control basin is an asset to your farm. This water and sediment control basin was designed and installed to remove, collect and provide temporary storage of sediment and water. The estimated life span of this installation is at least 10 years. The life of this installation 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

- * Periodic removal of sediment is necessary to maintain the effectiveness of this installation. The cleanout intervals may vary depending upon the volume of sediment which has accumulated. As a general rule the basin will lose its effectiveness when about 50 percent of the design volume is filled with sediment.
- * 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 any debris that may accumulate in or immediately upstream of the basin.
- * Immediately repair any erosion, vandalism, vehicular, or livestock damage to any earth fills, spillways, or outlets.
- * Make sure all structure drains are functional and soil is not being transported through the drainage system. 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. (If threatened species are involved, follow policy on endangered or threatened species.)
- * Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
- * Replace weathered or displaced rock riprap to constructed grade.

