

U.S. DEPARTMENT OF AGRICULTURE
 NATURAL RESOURCES CONSERVATION SERVICE
 OREGON

**OPERATION AND MAINTENANCE WORKSHEET
 WATER AND SEDIMENT CONTROL BASIN
 CODE 638**

Landowner/Operator						
Job Location						
County				SWCD		
Farm/Tract No.			Referral No.			
Prepared By					Date	

Operation and Maintenance Items

A properly operated and maintained Water and Sediment Control Basin is an asset to your farm. This structure was designed and installed to entrap sediment and provide storage to runoff water for beneficial use. The estimated life span of this installation is at least 10 years. The life of this installation 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 to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program:

- ⇒ Periodically inspect the spillways and control gates for proper functioning for their ability to maintain the water level to design elevations. Immediately remove any blockage or obstructions in spillways.
- ⇒ Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Fertilize the established stand with at least 200 lbs of 21-0-0 per acre or equivalent annually or as needed to maintain a uniform vigorous stand. Periodic mowing may also be needed to control height.
- ⇒ If fences are installed, they shall be maintained to prevent unauthorized or livestock entry.
- ⇒ Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenance.
- ⇒ Removal of debris that may accumulate at the Water and Sediment Control Basin and immediately upstream or downstream from the Basin.
- ⇒ 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.

Special Operation and
Maintenance Requirements