

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
_____, OKLAHOMA**

**OPERATION AND MAINTENANCE PLAN
WATER & SEDIMENT CONTROL BASIN**

Sponsor/Land user: _____ Date: _____

Address: _____

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

A properly operated and maintained sediment basin is an asset to your farm. This sediment 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 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.

GENERAL RECOMMENDATIONS

- Inspect regularly, especially immediately following significant runoff events. Damaged areas shall be repaired immediately.
- Periodic removal of sediment is necessary to maintain capacity and grade of the basin. The cleanout intervals may vary depending upon the volume of sediment that has accumulated. As a general rule, the basin will lose its effectiveness when about 50 percent of the design volume is filled with sediment.
- Regularly clean inlets for underground outlets and all other structure drains to maintain functionality and insure soil is not being transported through the drainage system. Repair or replacement of inlets damaged by farm equipment. Removal of sediment around inlets to ensure that the inlet remains the lowest spot in the basin. The screens and/or rodent guards shall also be kept in place.
- Promptly repair or replace of damaged components.
- Maintain basin ridge height and outlet elevations.

