

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

Landowner/Operator

Job Location

Prepared By _____ Date

OPERATION AND MAINTENANCE ITEMS

Operation and maintenance (O&M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The landuser is responsible for proper O&M throughout the life of the practice and as may be required by Federal, state or local laws or regulations.

Operation refers to operation of the practice in compliance with all laws, regulations, ordinances, and easements; and in such a manner that will result in the least adverse impact on the environment and will permit the practice to serve the purpose for which it was installed. Maintenance includes work to prevent deterioration of the practice, repairing damage, or replacing components which fail.

Necessary operation and maintenance items for this practice include:

- Periodically inspect the spillways and control gates for proper functioning including their ability to maintain the water level to design elevations. Remove any blockage or obstructions in spillways.
- Settlement or cracks in earthen sections must be investigated (to determine the cause) and repaired.
- Inspect concrete for accelerated weathering, spalling, settlement, misalignment or cracks. Repair defects.
- Remove debris that may accumulate at the Water and Sediment Control Basin and/or immediately upstream or downstream from the Basin.
- Make sure all structure drains are functional and soil is not being transported through the drainage system. Screens and/or rodent guards must be maintained and in place.
- Maintain vigorous growth of desirable vegetation. This includes reseeding, fertilization, and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control height.
- Maintain installed fences to prevent unauthorized human or livestock entry.
- Repair any vandalism, vehicular, or livestock damage.
- Remove rodents or burrowing animals that have or may damage the structure. Repair any damage caused by their activity.

Other

