

**OPERATIONS AND MAINTENANCE**  
**Water and Sediment Control Basin (638)**  
**Tennessee**

Landowner Operator: \_\_\_\_\_

Practice Location: \_\_\_\_\_

County: \_\_\_\_\_

Farm Tract No.: \_\_\_\_\_

Prepared by: \_\_\_\_\_

Date: \_\_\_\_\_

Inspections and maintenance are required to achieve the intended function, benefits, and life of the practice. The landowner/operator is responsible to establish and implement an inspection and maintenance program. Items to inspect and maintain during the 10-year design life of the practice include, but are not limited to, the following:

1. Inspect after significant storm events and at least annually to identify repair and maintenance needs.
2. Avoid damage to riser inlets by farm equipment. Mark risers and outlets so they are visible to prevent damage by equipment. Water and sediment control basin (WASCOB) ridges, especially those with steep backslopes, are potentially hazardous. All farming and maintenance operations should be executed with caution to reduce the chance of damage to machinery and injury to the operator. Repair all broken or damaged pipe as soon as possible.
3. When sediment storage is full, accumulated sediment must be removed, spread and re-vegetated or the basin must be redesigned.
4. Check frequently for burrowing animals. When found, remove the burrowing animals and repair any damage caused by their activity.
5. Remove debris and trash accumulated around riser inlets that might impair water flow. Clear debris from orifice plate in riser as needed. Remove trash from the outlet and maintain animal guards. Make sure all structure drains are functional and soil is not being transported through the drainage system.
6. Settlement or piping along drain pipe should be investigated and repaired.
7. Maintain vigorous growth of desired vegetation. This includes reseeding, fertilization, and application of herbicides when necessary. Periodic mowing may also be needed to control height. Control tree and bush growth by hand cutting, mowing, or chemicals. Avoid damaging grass with herbicide sprays.
8. Maintain proper width, depth and shape of vegetated emergency spillways if constructed. Fill and seed any rills that occur.
9. Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenances.

**SIGNATURES**

Landowner/Operator: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_