

OPERATION AND MAINTENANCE
Sediment Basin (350)
Tennessee

Landowner/Operator: _____

Practice Location: _____

County: _____ Farm/Tract Number: _____

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 20-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 including safety components.
2. Promptly repair or replace damaged components.
3. Inspect for sediment accumulation. Remove accumulated sediment when it reaches the design sediment storage capacity.
4. Inspect the downstream toe of the embankment annually. If there are wet areas or seeps at the downstream toe of the embankment, it could be a serious problem. Ask for assistance from a qualified professional to evaluate the seepage.
5. Inspect the spillway(s) of the pond frequently. Clear accumulated trash away from spillways when found.
6. Repair erosion at outlet of spillway as needed.
7. Fill rills and gullies that occur on the embankments and in the vegetated spillway, where applicable. Reseed the filled areas.
8. Check frequently for burrowing animals. When found, remove the burrowing animals, replace embankment materials, and reseed.
9. Maintain a vigorous sod in the emergency spillway and on embankments by regular mowing and fertilization. Time the first mowing after nesting birds have hatched (about August 15). Remove excess growth. Do not burn or overgraze.
10. Prevent trees, brush, and invasive species from growing on embankments, abutments, or in the spillway areas. Control tree, brush, and invasive species growth by hand cutting, mowing, or chemicals. Avoid damaging grass with herbicide sprays.
11. Install and maintain a fence to keep livestock out of pond, where applicable.
12. Keep machinery away from steep side slopes. Keep equipment operators informed of all potential hazards.

Signatures

Landowner/Operator: _____ Reviewer: _____ Date: _____