

OPERATION AND MAINTENANCE
Underground Outlet (620)
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.
2. Keep inlets, trash guards, and collection boxes and structures clean and free of materials that can reduce the flow.
3. Repair leaks and broken or crushed pipe to insure proper functioning.
4. Repair any settlement or erosion that occurs around the pipe with soil and reseed as needed. If this problem persists, evaluate the pipe for leakage and erosion of the fill material into or along the pipe.
5. Keep adequate backfill over the conduit.
6. Check outlet pipe and animal guard to ensure proper functioning.
7. Maintain erosion protection at outlets; repair any eroded areas at the outlet.
8. Promptly repair or replace damaged or inoperable components.
9. Protect the components from damage by farm equipment and livestock. Avoid damage to riser inlets by farm equipment. Mark risers so they are visible to prevent damage by equipment.
10. To maintain the permeability of surface materials on blind inlets, periodic scouring or removal and replacement of the surface soil layer may be necessary.
11. Follow OSHA trench safety requirements during repairs of the underground outlet.

SIGNATURES

Landowner/Operator: _____ Date: _____

Reviewer: _____ Date: _____