



Operation & Maintenance Plan Subsurface Drain (Code 606)

Landowner/Operator:

Date:

NRCS Service Center:

Conservation District:

Practice Location:

Tract/Field ID:

(Lat/Long or UTM Coord, or Sec/TS/R)

Expected Lifespan

The minimum expected lifespan of this practice is at least 20 years.

General Recommendations

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 design life of the practice include, but are not limited to, the following:

1. Inspect system semiannually and after significant storm events to ensure proper function of the system. Promptly repair system components (e.g., structures for water control, underground outlets, vents, drain outlets, and trash and rodent guards).
2. Maintain the design depth of cover over the drainage system. Investigate all settlement or cracks in the soil to determine their cause and immediately repair.
3. Avoid travel over drain lines by heavy equipment or tillage equipment when the soil is saturated. Limit traffic to sections that were designed for traffic loads.
4. Avoid any subsoiling operation that may disturb the drain, its filter, and envelope materials.
5. Remove all foreign debris that hinders system operation. Immediately remove any obstructions or blockage of trash racks, drain inlets, or drain outlets.
6. Maintain all outlets, rodent guards, inlets and manhole accesses in good operating condition.
7. Eradicate or otherwise remove all rodents and burrowing animals that have damaged or can potentially damage any part of the system. Immediately repair any damage caused by their activity.
8. Immediately repair any vandalism, vehicular, or livestock damage to any outlets and appurtenances.
9. If iron ochre and manganese dioxide precipitates plug the lines, a cleanout structure must be installed to provide access for cleaning equipment.
10. Follow OSHA trench safety requirements during repairs of the subsurface drain.
11. Ensure winterization protection for components of drainage systems affected by freezing conditions.

Special considerations:

Specific Site Requirements