

NATURAL RESOURCES CONSERVATION SERVICE
VIRGINIA
OPERATION AND MAINTENANCE REQUIREMENTS
SINKHOLE AND SINKHOLE TREATMENT
CODE 370I

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly maintained sinkhole treatment project can be an asset to the farm. The treatment was designed and installed to treat sinkholes and/or sinkhole areas to reduce contamination of groundwater resources. Estimated life span of this installation is at least _____ years. The life of the project can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- The treatment should be inspected at least annually and especially after heavy rains to determine whether it is functioning properly or if repairs are needed. It shall be operated and maintained in accordance with Virginia state law. Coordination with the Virginia Cave Board or the Karst Program office may be required if additional measures are necessary.
- Appurtenances such as filter strips, diversions, structures, and other conveyance systems shall be kept free of trash and repaired when needed. Remove debris that may accumulate around the treatment area. If fences are installed, they shall be maintained to prevent unauthorized entry.
- All trash must be removed from the sinkhole site or treatment area. Trash shall be disposed of in accordance with state law. Disposal areas shall be seeded and a vigorous growth of vegetation established and maintained. Reseed and fertilize as necessary to maintain stand and promote growth.
- Drainage patterns around the treated area and any disposal sites shall be maintained. Any settlement (other than in the sinkhole itself) shall be filled and seeded to maintain positive drainage.
- The drainage system around the treatment area must be maintained. Filter strips, vegetated buffers, terraces, waterways, or other appurtenances must be maintained to their design dimensions. Supporting practices are to be maintained according to their specific Operation and Maintenance Plans.

