

**NATURAL RESOURCES CONSERVATION SERVICE**  
**VIRGINIA**  
**OPERATION AND MAINTENANCE REQUIREMENTS**  
**SPRING DEVELOPMENT**  
**CODE 574**

Land Owner/Operator \_\_\_\_\_

County \_\_\_\_\_ SWCD \_\_\_\_\_ Farm/Tract No. \_\_\_\_\_

Prepared By \_\_\_\_\_ Date \_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

A properly operated and maintained spring development is an asset to the farm. This practice was designed and installed to provide water for livestock. Estimated life span of this installation is at least 10 years. The life of the spring development can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

Your operation and maintenance program includes:

- At least twice a year check the tile line for proper function. Check the core wall for failure. Open the collection box and remove sediment from the bottom. Check the inlet and outlet pipes in the collection box for leaks. Check the delivery line for breaks or other leaks. Check all above ground connections, cover and seals, valves, insect and rodent guards, inlets and outlets to make sure they are functioning properly. Maintain coverings and insulation to prevent-damage by freezing. Repair as necessary.
- Inspect fence installed to protect tile-line and the collection box. This fence should be inspected frequently and repaired immediately. Fences should be maintained in good condition to exclude livestock from the collection area.
- Precaution and care is needed to prevent herbicides, insecticides and other pollutants from contaminating the water source.
- Maintain a vigorous growth of vegetative coverings. This includes reseeding, fertilization and weed control as necessary. Periodic mowing may also be needed to control growth.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular or livestock damage.

