NATURAL RESOURCES CONSERVATION SERVICE

GEORGIA

OPERATION AND MAINTENANCE REQUIREMENTS

PIPELINE

CODE 516

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained pipeline system is an asset to the farm. This system was designed and installed to convey water from a source of supply to points of use for livestock, wildlife, or other agricultural purposes. Estimated life span of this installation is at least 20 years. The life of this system 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:

- Maintain the design depth of cover over the pipe system. All settlement or cracks in the soil should be investigated to determine their cause and immediately repaired. Excessive settlement or voids in the line present a hazard to livestock and should be backfilled and compacted immediately.

- Avoid travel by heavy equipment over pipelines when the soil is saturated except at designed crossings. Limit traffic to sections that were designed for traffic loads. Avoid any sub-soiling operation that may disturb or destroy the pipeline.

- Inspect and test valves, pressure regulators, pumps, switches and other appurtenances regularly to ensure proper operation. Repair and replace as necessary. Open and close valves slowly to prevent excessive water hammer.

- Maintain erosion protection at outlets.

- Drain and/or provide for cold weather operation of the system.

- Remove all foreign debris, minerals, algae and other materials that may hinder the system operation.

- Maintain all outlets, rodent guards, inlets and access man-holes in good operating condition.

- Eradicate or otherwise remove all rodents and/or burrowing animals that have damaged or can potentially damage any part of the system.

- Immediately repair any damage caused by their activity. Immediately repair any vandalism, vehicular or livestock damage to any outlets and appurtenances.

Additional Operation and Maintenance Requirements Specific to this Plan:_____