



**Operation and Maintenance Plan
Livestock Pipeline, Code 516**



Landowner/Operator:				Date:	
NRCS Service Center:		Conservation District:			
Location of Practice:	Lat:		Long:		
UTM Coordinates:					
	SEC:		TS:		R: Field ID:

GENERAL

A properly protected, 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 in the field(s) identified in the plan. The estimated life span of this installation is at least 20 years. The life of the practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

O&M REQUIREMENTS

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

- 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 should be immediately repaired. Excessive settlement or voids in the pipe trench present a hazard to livestock and should be backfilled and compacted immediately.
- Avoid traffic by heavy equipment over pipelines when the soil is saturated except at designated crossings. Limit traffic to sections that were designed for traffic loads. Avoid any sub-soiling or deep tillage operations 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 operation of the system.

