

**OPERATION AND MAINTENANCE PLAN
NON-REINFORCED CONCRETE PIPE
CODE 430-CC**

Landowner/Operator _____

Job Location _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained irrigation pipeline is an asset to the farm. This irrigation pipeline was designed and installed to transmit water to place of use. The estimated life span of this installation is at least 10 - 20 years. The life of this pipeline can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- Checking to make sure all valves and air vents are set at the proper operating condition so they may provide protection to the pipeline.
- Maintain the design depth of cover over the pipeline.
- Limit traffic over the pipeline to designated sections that were designed for traffic loads. Avoid travel over pipelines by tillage equipment when the soil is saturated.
- Avoid any subsoiling operation that may disturb the pipeline.
- Repair any rodent, burrowing animal, vandalism, vehicle, or livestock damage.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control height.
- Draining the system and components in areas that are subject to freezing. If parts of the system cannot be drained, an antifreeze solution may be added.
- Remove all foreign debris that hinders system operation.

Other _____
