

DATA SHEET FOR IRRIGATION CONVEYANCE PIPELINE

Owner/Operator _____ Tract or Farm No _____

_____ Section _____, Township _____, Range _____ E / W, County _____

Designed by: _____ Date _____

Computations checked by _____ Date _____

This system was laid out by _____ Date _____

Approved by _____ Date _____

Pipeline material type: _____ (i.e.: PVC PIP, PVC IPS, Aluminum, Steel, or Etc)

1. Pipe size and length

Sta. to Sta.	Nominal Pipe Diameter (inches)		Pipe Length (feet)	
	Planned	Installed	Planned	Installed

2. Velocity Design

Flow Rate		PVC SDR Number	Pipe I.D. Inches	H-W "C" Factor	Area Square Feet	Velocity Feet / Second
GPM	CFS					

3. Outlet valves (i.e.: surge, butterfly, etc)

Type	Size		Number		Station	
	Planned	Installed	Planned	Installed	Planned	Installed

4. Head on pipeline

Head Loss and Static Head (ft)	Size _____ in.	Size _____ in.	Size _____ in.
Pipeline head loss – ft			
Pipeline elevation difference – ft (+) or (-)			
Minor losses – ft			
Valves & Hydrants – ft			
Manifold or Gated pipeline head loss – ft			
Number of open / flowing outlets			
Pipeline elevation difference – ft (+) or (-)			
Minor losses – ft			
Other losses			
TOTAL HEAD LOSS			
STATIC HEAD on the pipe			
MINIMUM PIPE STRENGTH REQUIRED In psi or sdr pipe rating			

5. Depth of cover: Planned _____

Depth of cover: Installed _____

6. Appurtenances

Station and / or Placement Location	Appurtenance and / or Fitting	Size and / or pressure rating (Define)	Installed (Describe)

7. Attach a scaled plan view of the pipeline with north arrow and legal description. Locate, label and dimension the irrigation distribution system, location and elevation of benchmarks, direction of irrigation and relevant pipeline appurtenances.

8. Attach a scaled profile of the pipeline and hydraulics. Show the critical hydraulic gradient(s), breaks in grade, outlet valves, inline valves, labeled and dimensioned pipe and other appurtenant structures.

9. Final Check by: _____ Date: _____

Record Pipe Markings: Pipe markings shall be documented by the installation certifier and provided to NRCS or the pipeline designer. The documented information shall include but is not limited to the following markings on the pipe which must be spaced at intervals of not more than 5 feet.

- a. Nominal pipe size in inches =====> _____
- b. Type of plastic material in accordance with the designation code → _____
- c. Rated allowable working pressure ===== ==> _____
- d. Specification designation with which the pipe complies===== => _____
- e. Manufacturer's name (or trademark) and code=====> _____

This practice meets standards and specifications? =====> _____

10. Remarks: _____

