

IRRIGATION PIPELINE DATA SHEET

Cooperator:	Field Office:
ID #:	S.W.C.D
CIN:	Location:
Job Class:	Field #:
	Pipeline #:

Additional Notes:

Engineering Approval	Signature	I have EJAA Class	Date
Designed by:			
Comps Checked by:			
Design Reviewed by:			
Design Approved by:			

1. Pipeline Material: New Line _____ Extension of Old Line _____
 Concrete _____ Steel _____ Plastic _____ Other _____
 Will the pipeline fill the needs of the conservation irrigation system? (YES) (NO)

2. Friction Loss Per 100 Feet

Line Number	Flowrate G. P. M.	Flowrate C. F. S.	Pipe Diameter _____ inches	Pipe Diameter _____ inches	Pipe Diameter _____ inches	Pipe Diameter _____ inches

3. Pipe Size and Length

Line Number	Sta. to Sta.	Pipe Diameter		Pipe Length	
		Planned	Checked	Planned	Checked

4. Outlet Valves

Line Number	Valve Type	Size		Number		Spacing	
		Planned	Checked	Planned	Checked	Planned	Checked

5. Stand Data

Design Values	Stand No. Line No.									
	Design	Check								
	Line Friction -- Ft.		X		X		X		X	
Valve & Hydrant Friction -- Ft.		X		X		X		X		X
Portable Pipe Size _____ Length		X		X		X		X		X
Friction -- Ft.		X		X		X		X		X
Freeboard		X		X		X		X		X
Elevation Difference (+) or (-)		X		X		X		X		X
Total Height Above Ground										
Total Height to Top of Pipeline										
Diameter of _____ Stand										
	Stand Cap Stand									

6. Depth of Cover: Planned _____ Checked _____
 7. Pump Stand: Vertical distance between inlet and outlet planned _____ checked _____
 (over)

8. Appurtenances

Line Number	Appurtenant Structure	Size	Number		Line Number	Appurtenant Structure	Size	Number	
			Design	Check				Design	Check

9. Attach profile of Pipeline (including affected segment of existing line if this is an extension line.)
 Show Location and elevation of B.M., breaks in grade, turns, pump stands, vents, outlet valves, critical hydraulic gradient, pipe size and critical hydraulic gradient, pipe size and other appurtenant structures.

LAYOUT PLAN

Scale 1" = _____ ft.

Show: (1) pipeline location, (2) direction of irrigation, (3) length of pipeline, (4) well location or water source, (5) size of pipeline, (6) location of outlet valves and stands, and (7) north arrow.

10. Layout:
 This system was laid out by _____ Date _____

11. Final Check:

Remarks: _____		
I certify that this practice meets NRCS specifications.		
I have EJAA Construction Class	Signature	Date