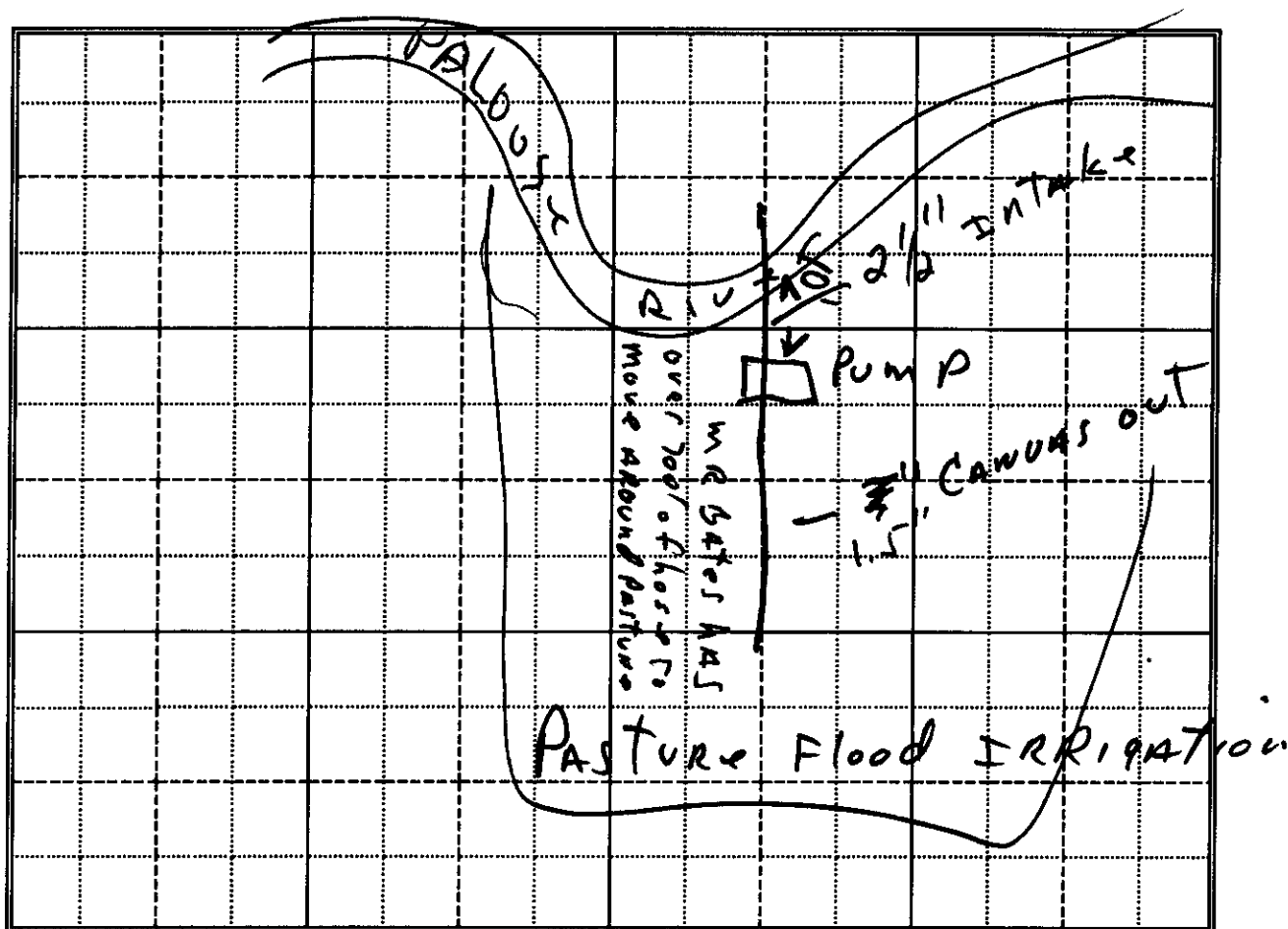


[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.d. as applicable.



Scale: 1" = _____.

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Briggs + Stratton	3		HomeLife	1.5"
	9A-5				

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____



69



Pump AT
PD



PD



PD

81-10018

TA 2nd
69



PV

69

69

81001-18

E. NARRATIVE/REMARKS/COMMENTS

Rate was determined by replacing
a 25 gal drum on the table from
goat (see photo)

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Filled 25 gal. barrel on Back of MR. Baldut
Farm gaug. 25 gal in 24 sec = 62.5 gpm

$$\frac{62.5 \times 1.33681}{60} = 1.392 \text{ or } 1.4 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7 \times 3 = 21$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.4 \times 213 \times 1.9835 = 59.14$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 21$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	04/01	10/31	1.4	21
Totals:			1.4	21

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Wayne Baldut Date 8-31-04

Reviewer _____ Date _____

SEAL