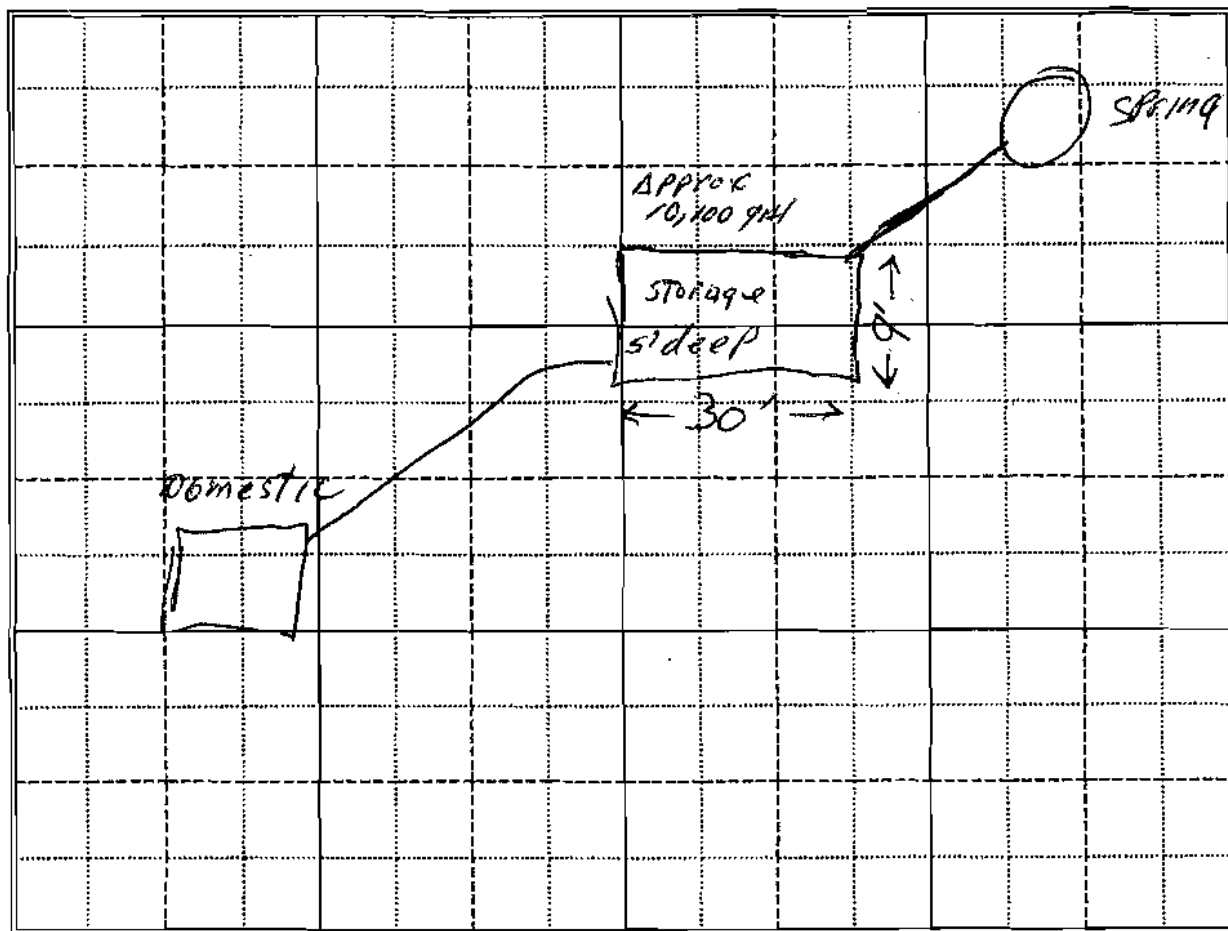


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.D. as applicable.



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
	Gravity				

*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: _____

E. NARRATIVE/REMARKS/COMMENTS

Industrial use is for filling 100 gal
tank on porta potty truck 1 time daily 5
days a week.

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket

5 gal in 60 sec =

$$\frac{5 \text{ gpm} \times 1.3368}{60} = .01 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \times 3 = 6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .01 \times 213 \times 1.9835 = 4.2$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.2$$

2. Volume Calculations for Other Uses:

ST01490

$$30' \times 9' \times 5' = 1350' \times 7.4805 = 10,098.67 \text{ gallons}$$

$$\text{Industrial} = 100 \text{ gal/day} \times 5 \text{ d/wk} \times 52 \text{ wks} = 26,000 \text{ gal/annually}$$

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	.01	4.2
Industrial	01-01	12-31	.01	201.1
Stockwater	01-01	12-31	.01	2.1
Domestic	01-01	12-31	.01	.6
Totals:			.01	4.915

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 Baldwin Date 7-8-09

Reviewer Eric Plaw Date 8-3-09

SEAL

96-9397



0 40 80 160 240 320 Meters

Legend

- QQ
- Application POD
- Sections





domestic.JPG



industrial.JPG



irr2.JPG



irr.JPG



pod.JPG



pou-domestic.JPG





