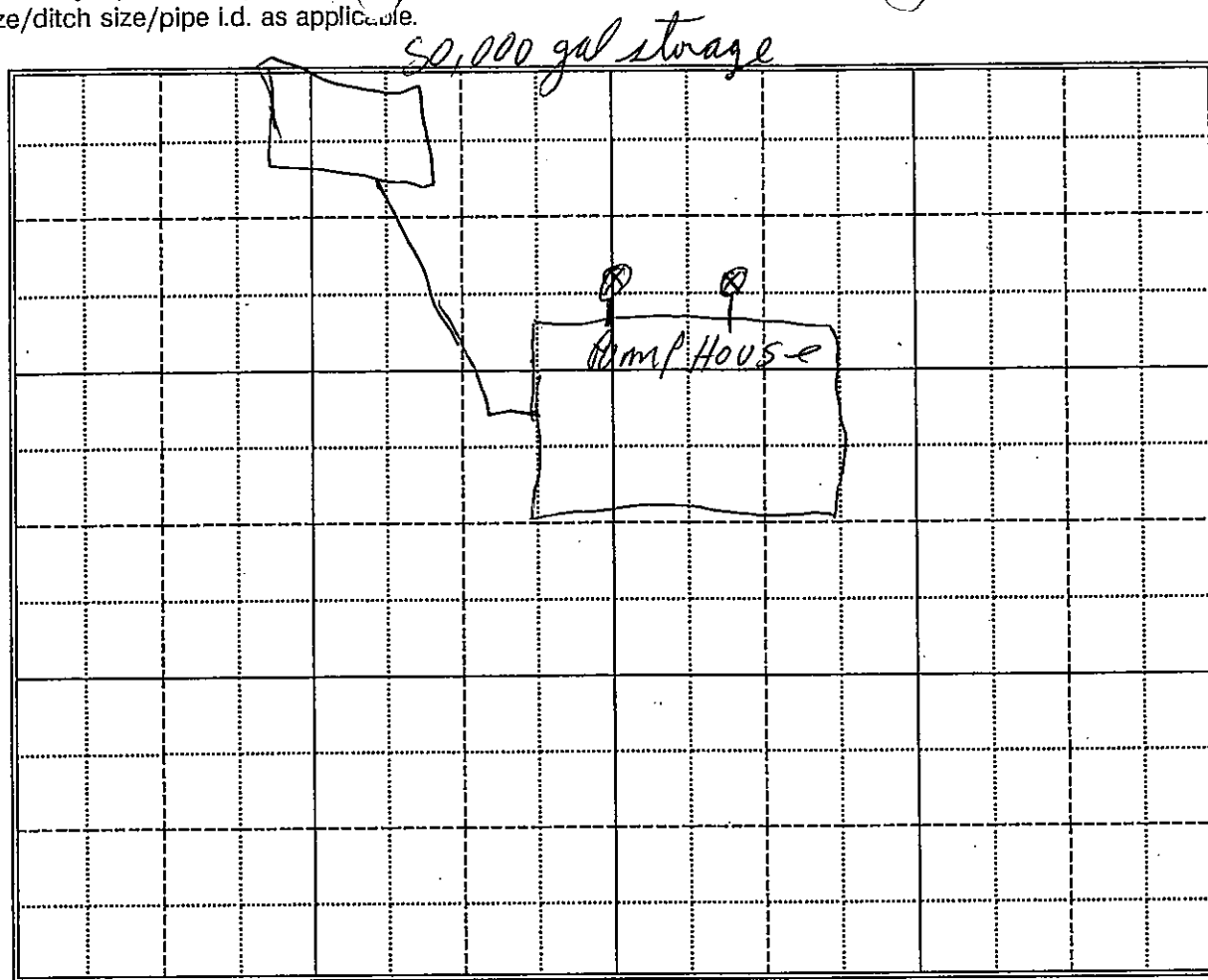


[illegible]

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
<i>Well 1</i>		<i>20</i>			
<i>Well 2</i>		<i>15</i>			

*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: _____

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

System flow meters

$$\begin{aligned} \text{Well 1 } 60 \text{ gpm} &= 120 \text{ gpm} \times 1.33681 = 160.4172 \text{ cfs} \\ \text{Well 2 } 60 \text{ gpm} &= 60 \end{aligned}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

$$\text{Annual Volume } 34 \times 1.2 = 40.8 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Municipal</i>	<i>01-01</i>	<i>12-31</i>	<i>1.26</i>	<i>40.8</i>
Totals:			<i>1.26</i>	<i>40.8</i>

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 *8-6-09*

Reviewer *Erin Davis* Date *8-31-09*

SEAL

E. NARRATIVE/REMARKS/COMMENTS

This system serves 34 lots. 20 homes are currently built. Some lots have been sold, but not built on yet.

There are 2 points of diversion
annexed to Municipal

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



booster station.JPG



pod1 (2).JPG



pod1.JPG



pod2 (2).JPG



pod2.JPG



pou (2).JPG



pump house 2.JPG



pump house.JPG





