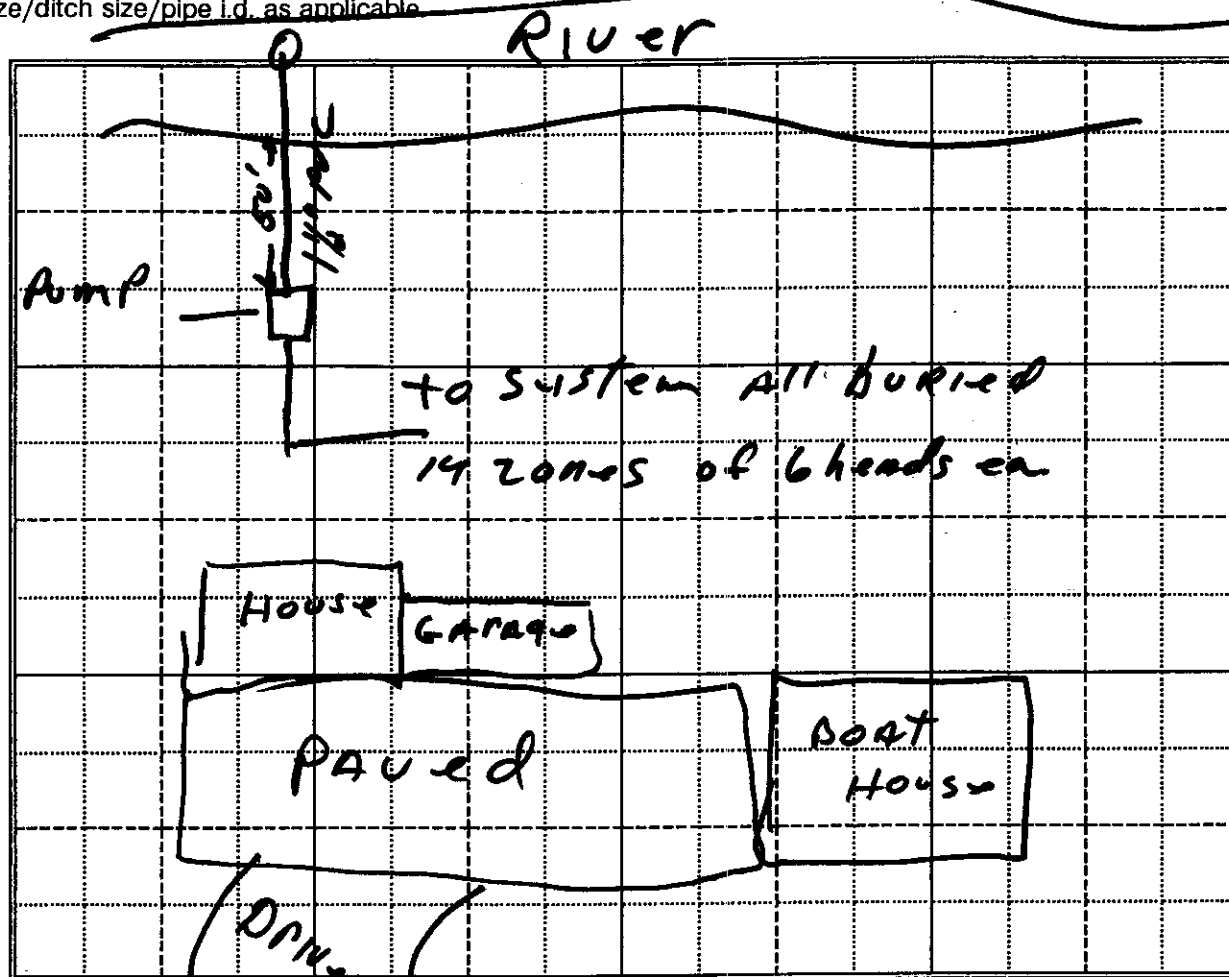


[illegible]

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
	GE	1.5	5KC39PN353	Water Ace	694070 1 1/2"

*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: _____





pu



pu



pu



PW



Pump



PV

95-9125
Ols camp

E. NARRATIVE/REMARKS/COMMENTS

Irrigated area figured by deducting all buildings and paved areas from total lot size of 6.5 acres.

Total ~~paved~~ paved area + buildings = 13,020.4 ft.² or .3 acres

System consist of 14 zones, 6 heads, heads are pop up type 2.5 gpm / 50 PSI. Pressure gauge on system shows 50 PSI running 1 zone. Turn on second zone pump. can't maintain enough pressure to keep heads in up position.

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

*From manufacturer chart
heads pop up 50 PSI 2.5 gpm ea
pump can only handle 6.*

$$6 \times 2.5 = 15 \text{ gpm}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$15 \times 1.33681 = 0.03$$

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 60 \times 1.2 \times 3 = 3.6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.03 \times 245 \times 1.9835 = 14.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.6$$

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		
<i>Irrigation</i>	<i>03-15</i>	<i>11-15</i>	<i>1.03</i>	<i>3.6</i>
Totals:			<i>1.03</i>	<i>3.6</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. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 9-29-05Reviewer Beth E. Brown Date 11/31/06

SEAL