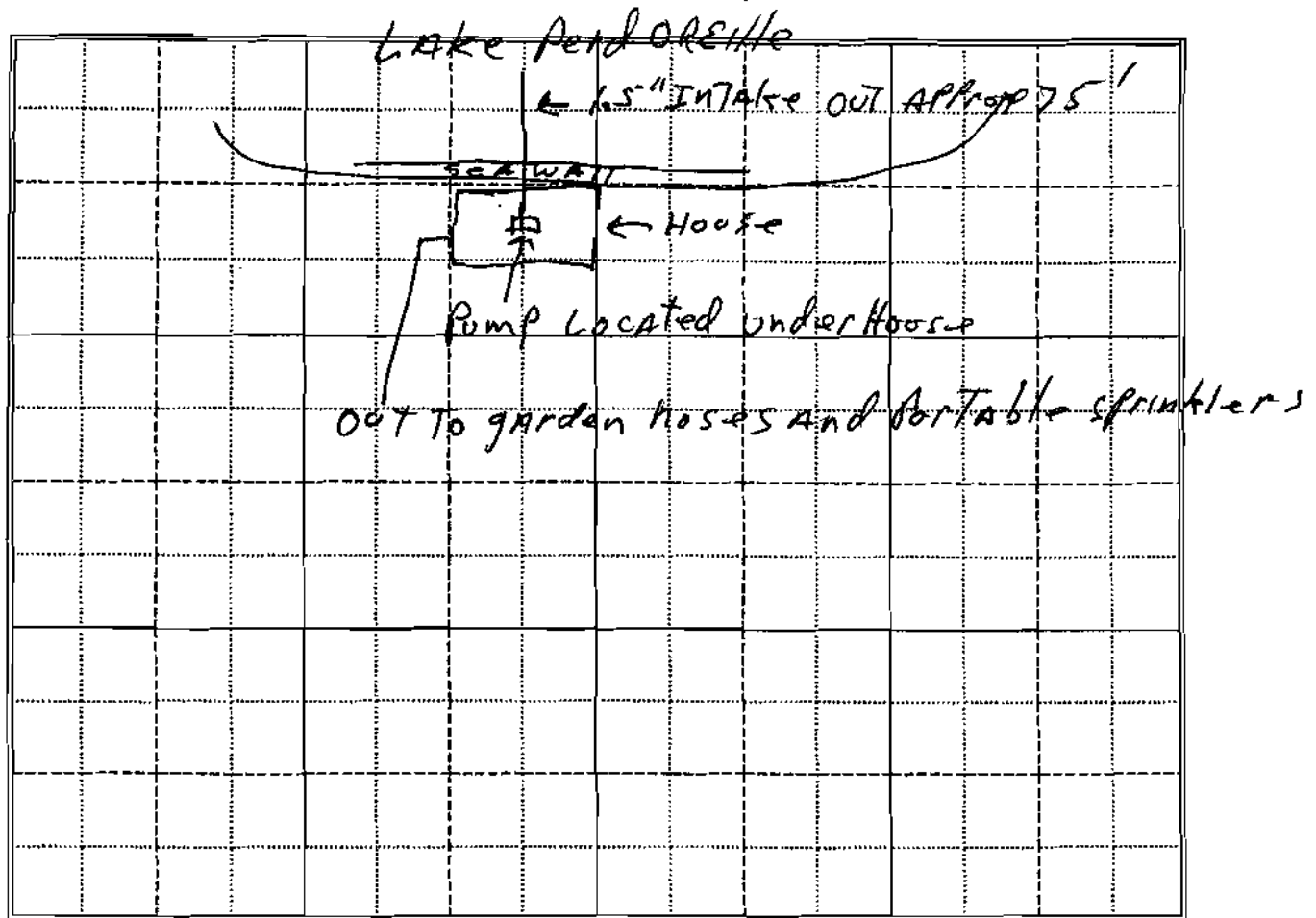


[illegible]

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 Quadrange 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
	JACUZZY	1.5	not legible	JACUZZY	1"

*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

Pump is a shallow well pump located under house

Irrigation accomplished with $\frac{5}{8}$ hose and portable sprinklers

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket

$$5 \text{ gal in } 30 \text{ sec} = \frac{109 \text{ PM} \times 1.33687}{60} = .02 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .5 \times 3 = 1.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .02 \times 213 \times 1.9835 = 8.4$$

$$V = \text{Smaller of } V_{LR} \text{ and } V_{D.R.} = 1.5$$

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	.02	1.5
Totals:			.02	1.5

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 Balchun Date 6-17-09Reviewer Eric [Signature] Date 7-1-2009

SEAL



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