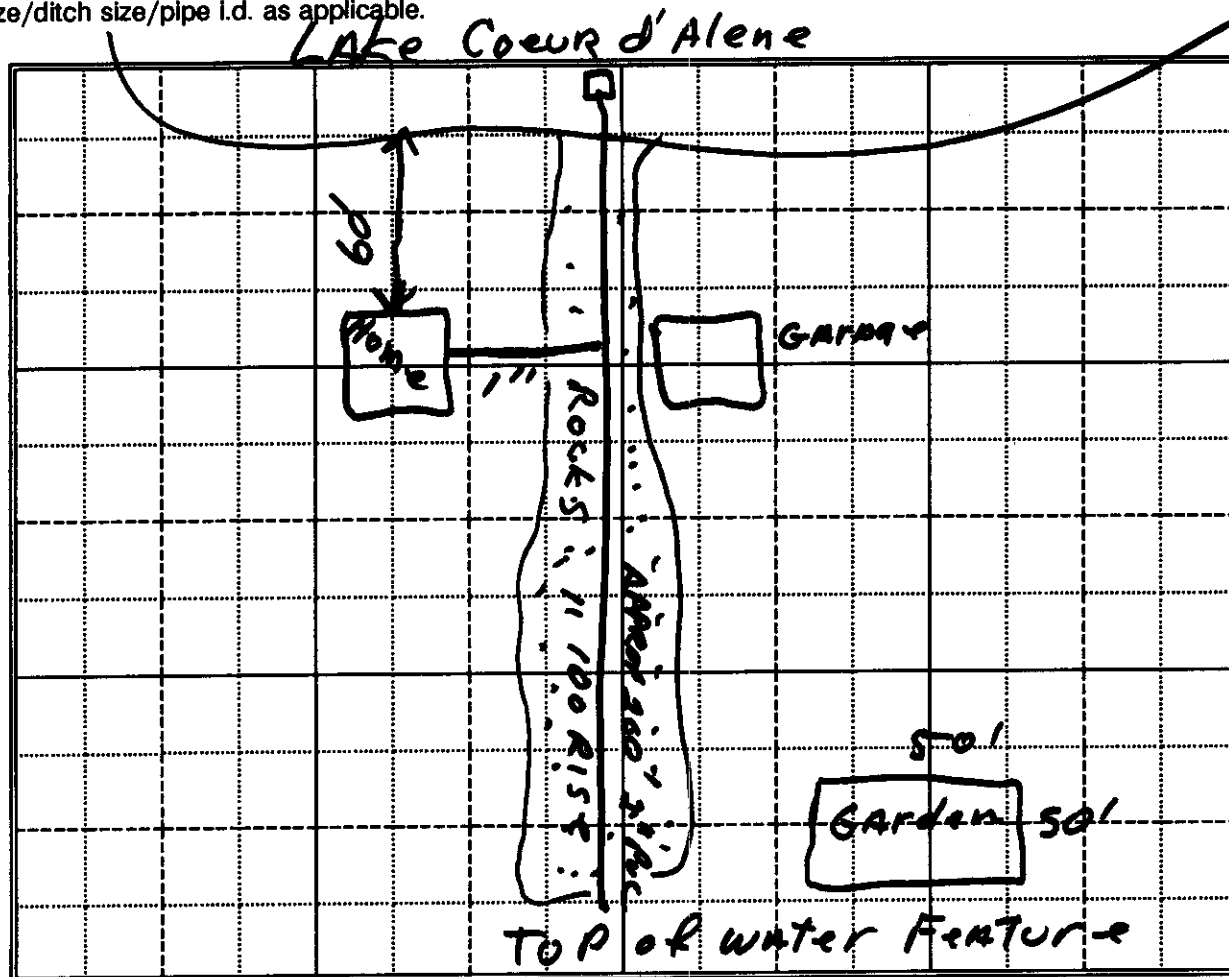


[illegible]

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>Franklin</i>	<i>7.5</i>	<i>2822019310</i>	<i>Sub</i>	

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

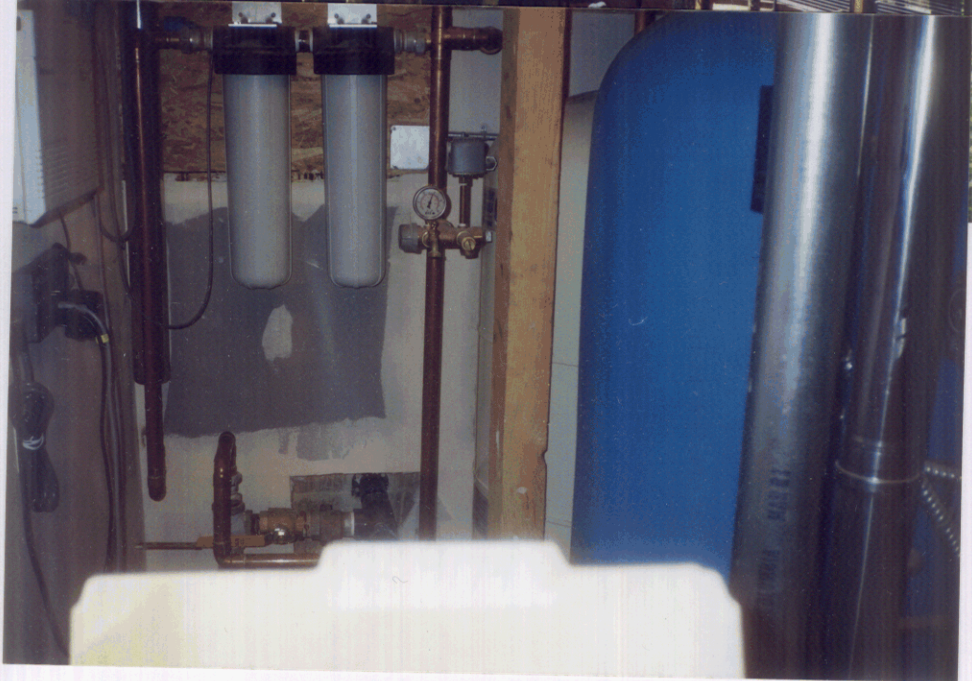
D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____

95-09174
Magnuson



Domestic



PD



Discharge Top of
Water Feature



Aesthetic

25190-28

302034

E. NARRATIVE/REMARKS/COMMENTS

The water feature consist of a pump from lake approx 200 ft away where a 2" pvc line discharges at top of feature approx 100 ft elevation change from lake. Water flows over the rocks down hill back to lake. Other than evap. losses is non consumptive. I did a 5 gal bucket measurement at top on the discharge line 5 gal in 5 sec

Irrigation is minimal less than what would be covered under domestic.

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

$$\begin{array}{l}
 \text{5 gal bucket 5 gal in 5 sec =} \\
 \underline{60 \text{ gpm} \times .133681} \cdot 13 \\
 60
 \end{array}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

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		
<u>Domestic</u>	<u>01-01</u>	<u>12-31</u>	<u>.04</u>	<u>1.2</u>
<u>Aesthetics</u>	<u>01-01</u>	<u>12-31</u>	<u>.13</u>	
<u>Fire protection</u>	<u>01-01</u>	<u>12-31</u>	<u>.13</u>	
Totals:			<u>.13</u>	<u>1.2</u>

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

8-5-05

Reviewer

Beth Franklin

Date

2/1/06

SEAL