

[illegible]

Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
00003489	U/K	1.5	U/K	U/K	U/K

*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:

5 gallons in 13 seconds
23 gpm

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 95-9303					
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = HP \cdot 8.8 \cdot \text{Eff} / H$	1.5	193.3877551	0.75	124	30
Q = 0.051 cfs 23.0 gpm					

F. 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:

$$\begin{aligned} .6 \text{ home} \times 4 &= 2.4 \text{ AF} \\ .6 \text{ Irrigation} \times 4 &= 2.4 \text{ AF} \\ \hline &4.8 \text{ AF total} \end{aligned}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES GROUNDWATER FOR DOMESTIC USES OF 4 HOMES. THE PUMP IS A 1 1/2 HP PUMP.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.050 CFS	4.80 AF
<u>Totals:</u>		0.050 CFS	4.80 AF

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 [Signature] Date 8-28-07

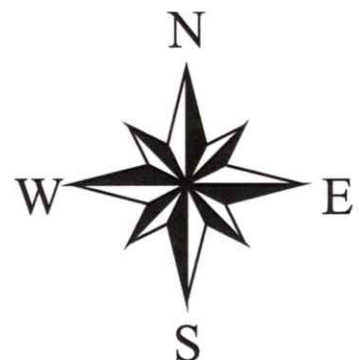
Reviewer [Signature] Date 8/31/7

95-9303



0.06 0 0.06 0.12 Miles

- GCDB49N04W GCDB
- Right POD
- Pou.shp





MEASUREMENT



PLACE OF USE #1



PLACE OF USE #2



PLACE OF USE #3



PLACE OF USE #4



PLACE OF USE _#2



WELL



WELL TAG

95-9303



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