

[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.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements: 5 gallon Bucket

4 gallons in 30 seconds

8gpm

0.02 cfs

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

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:

.6 AF Home
.6 AF Irrigation
 1.2 AF total

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES WATER FROM A HAND DUG SPRING. IT HAS A GRAVITY FLOW TO THE HOUSE WITH A MEASUREMENT OF 4 GALLONS IN 30 SECONDS. THE WATER IS USED FOR DOMESTIC HOME USE AND DOMESTIC LAWN AND GARDEN IRRIGATION OF LESS THAN 1/2 ACRE.

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

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
DOMESTIC	01/01 to 12/31	0.020 CFS	1.20 AF
Totals:		0.020 CFS	1.20 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

Date 11-27-07

Reviewer

Date 11/27/07

95-9326



0.05 0 0.05 0.1 Miles

-  Administrative BasinsAdminbas.shp
-  Township/Range
-  Sections
-  QQ
-  Right POD
-  Pou.shp



SC-10720
DEC-2007



PLACE OF USE 1



PLACE OF USE 2



PLACE OF USE 3



POINT OF DIVERSION

95-9326



95-9326



95-9326



95-9326



100-517
C. 100-517