

[illegible]

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
58N 01W 33	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u> X	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
58N 01W 33	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u> X	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	

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

<u>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>
N/A					

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

D. FLOW MEASUREMENTS

: IN stream Pond no Rate of Diversion

1.

Measurement Equipment

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

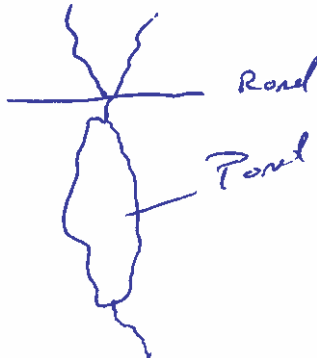
2. Measurements:

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

Delivery System Diagram:



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:

Domestic Volume 0.6 AF in home 0.6 AF 1/2 ac Irrigation

Pond = 15 AF TOTAL Volume = 15 AF

$$\text{Pond size} = \frac{1003 \times 65 \times 12}{43560} = 17.9 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS: This water right is for an in stream pond that is larger than 15 AF volume. Permit 96-9270 is for 15 AF of volume, wildlife storage, recreation storage, and domestic storage. I recommend that the department reduce the annual volume of domestic from storage from 15 AF to 1.2 AF. Domestic in home use 0.6 AF and 1/2 ac irrigation is 0.6 AF totaling the annual volume to 1.2 AF for this beneficial use.

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 STORAGE	01/01 to 12/31		15.00 AF
DOMESTIC FROM STORAGE	01/01 to 12/31		1.20 AF
RECREATION STORAGE	01/01 to 12/31		15.00 AF
WILDLIFE STORAGE	01/01 to 12/31		15.00 AF
<u>Totals:</u>			15.00 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 Eric R. [Signature] Date 6-16-2008

Reviewer [Signature] Date 6/20/08

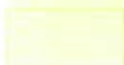
96-9270



Legend

 Intersected POU 96-9270

 Right POD

 QQ

0 70 140 280 420 560 Feet





PLACE OF USE 1



PLACE OF USE 2



PLACE OF USE 3



PLACE OF USE AND
POINT OF DIVERSION

96-9270



96-9270





96- 9270

