

[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</u> <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</u> <u>Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>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 gallons in 5 seconds

606 gpm

.13 cfs

0.02 cfs from stream

0.11 cfs from storage

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

9 gpm Flow through pond Aesthetic + Wildlife

0.02 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3 = 9$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .02 \times 246 \times 1.9835 = 9.8$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9$$

2. Volume Calculations for Other Uses:

.05 acre pond 6 ft deep = .3 AF	14.5	
up to 10 head mixed stock = .1 AF	9.0	
	.3	
Wildlife & Aesthetic .02 x 365 x 1.9835 = 14.5 AF	.3	
	.1	
	.2	
	24.4 AF total	

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM HAS A INSTREAM POND ON A UNNAMED STREAM. THEY PULL FROM THE POND FOR IRRIGATION AND STOCKWATER. THERE IS AESTHETIC AND WILDLIFE FLOW THROUGH THE POND. THERE IS NOT ANY DIVERSION FOR WILDLIFE FROM STORAGE OR AESTHETIC FROM STORAGE SO THOSE WILL BE DROPPED FROM THE LICENSE.

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>
IRRIGATION FROM STORAGE	03/15 to 11/15		0.30 AF
IRRIGATION	03/15 to 11/15	0.020 CFS	9.00 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.10 AF
WILDLIFE	01/01 to 12/31	0.020 CFS	14.50 AF
WILDLIFE STORAGE	01/01 to 12/31		0.30 AF
STOCKWATER STORAGE	01/01 to 12/31		0.20 AF
AESTHETIC	01/01 to 12/31	0.020 CFS	14.50 AF
AESTHETIC STORAGE	01/01 to 12/31		0.30 AF
IRRIGATION STORAGE	01/01 to 12/31		0.30 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.20 AF
<u>Totals:</u>		0.020 CFS	24.40 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

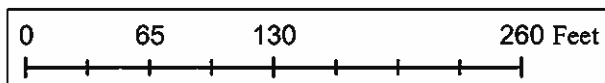
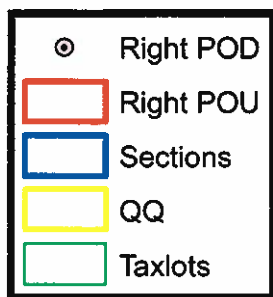
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name [Signature] Date 8-21-08

Reviewer [Signature] Date 8/22/08

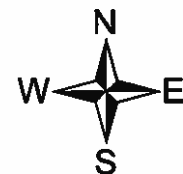
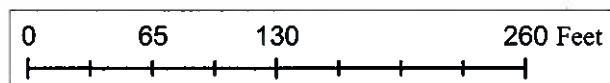
95-9516



95-9516



⊙	Right POD
	Right POU
	Sections
	QQ
	Taxlots





INSTREAM POND POINT
OF DIVERSION.JPG



PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



PLACE OF USE 3.JPG



PLACE OF USE 4.JPG



PLACE OF USE 5.JPG



PLACE OF USE 6.JPG



PUMP FROM POND.JPG

95-9516



95-9516





95-9516





95- 9516





95-9516

