

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-8407

Exam Date: 10/3/2008

1. Current Owner: EDWARD R DALE
210 MEADOWBROOK RD
HAILEY ID 83333
(208)788-2412

2. Accompanied by: *HOME OWNER*

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L4 (NE1/4SE1/4) Sec. 19, Twp 08S, Rge 14E, B.M. TWIN FALLS County

Method of Determination: GPS

2. PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
08S	14E	19													X				
															L 4				

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>
<u>SPATIAL DATA POINT # 397351</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:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: THEORETICAL

$$Q = \frac{8.8(144)(0.70)}{(27 + (30 \text{ ASZ}(2.31)))} = 0.04$$

LIMITED TO 0.04 CFS BY PERMIT

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 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

Water right authorizes groundwater diversion for domestic purposes. Point of diversion and place of use is in L4 (NESE) of Section 19 T08S R14E south of Hagerman.

Confirmed with the well driller Walker Water Systems that pump is 1 horsepower. Measured an average of 30 psi coming from the sprinklers. Theoretical yields 0.06 cfs. Will be limited to 0.04 cfs as authorized by permit.

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	1/01 to 12/31	0.040 CFS	1.2 AF
<u>Totals:</u>		0.040 CFS	1.2 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 Nick Van Dyke Date 10/3/08
 Reviewer Nick Van Dyke Date 2/24/09

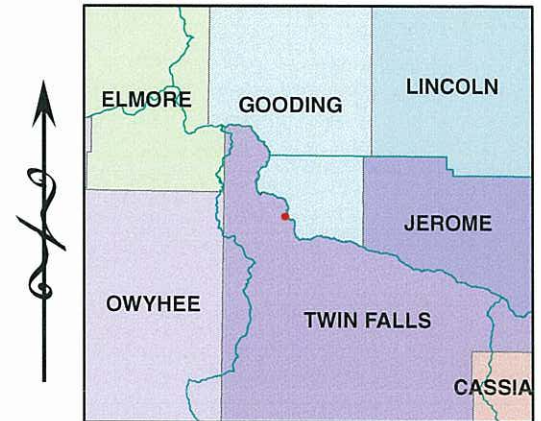


Idaho Department of Water Resources

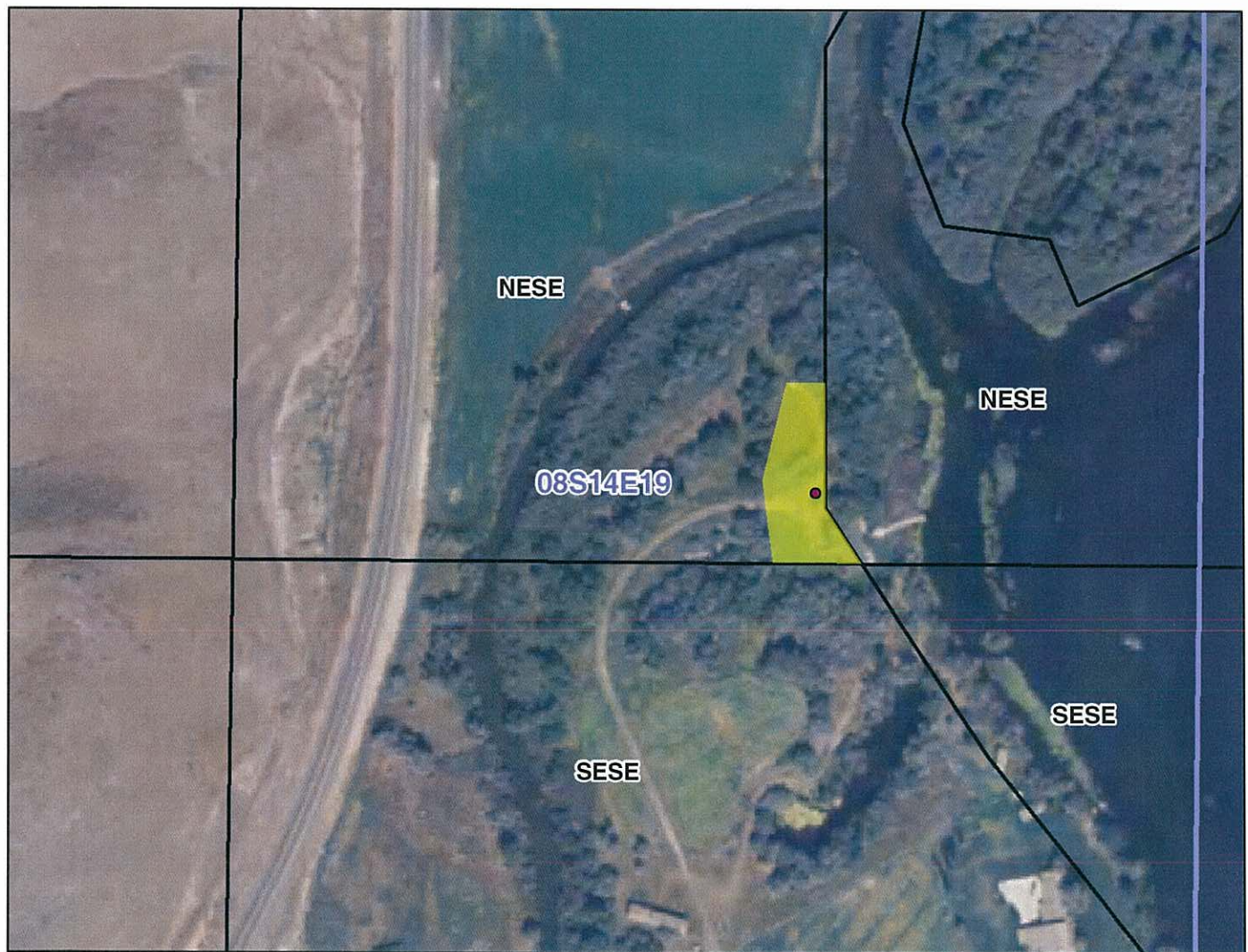
Water Right
47-8407
(DOMESTIC)

Legend

- well
- domestic
- Townships
- PLS Sections
- Quarter Quarters



Twin Falls County
IDWR Basin 47

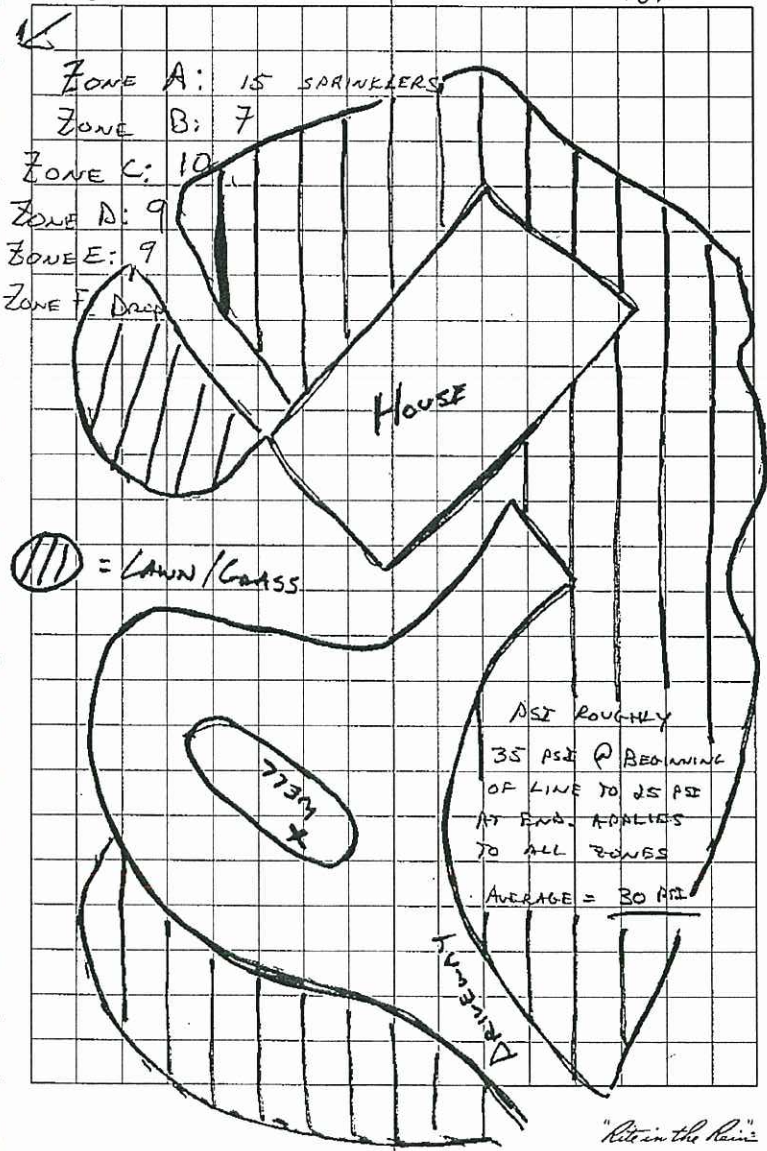


0 250 500 1,000 Feet

SNAKE

SPRINKLER TYPE: Hunter 19
PCA

- ZONE A: 15 SPRINKLERS
- ZONE B: 7
- ZONE C: 10
- ZONE D: 9
- ZONE E: 9
- ZONE F: 1



(//) = LAWN/GRASS



- Lawn on northern end of property.



- Remaining lawn. There is a small strip of lawn on other side of house that sits between the house and river.

