

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7994
Exam Date: 08/15/2019

1. Current Owner:
RAWLINGS REVOCABLE TRUST C/O PAUL RAWLINGS
166 HOOT OWL RD BONNERS FERRY ID 83805-5769

2. Accompanied by: Paul Rawlings
Relationship to permit Holder: Applicant

3. **SOURCE:**
SPRING

Tributary
SINKS

Method of Determination: Arcmap and DRG

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

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

SPRING SW¼ NW¼ SW¼, Sec. 4, Twp 61N, Rge 02E, B.M. BOUNDARY County

Method of Determination: Maps and GPS. POD located at -116° 13.230, 48° 39.846

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
61N	02E	4										X							

Method of Determination: Google Earth and Arcmap

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
N/A					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5 GALLON BUCKET						

2. Measurements: 5 gallon bucket test performed in 21 seconds

5 gal / 21 sec X 60 sec = 14.3 gpm or 0.03 cfs

448.8 gpm
21

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: N/A

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 in home use for 1 home = 0.6 AF

G. NARRATIVE/REMARKS/COMMENTS

Field exam with the applicant, Paul Rawlings, showed a spring serving a home. The spring was located up the hill from the home with a concrete vault/cistern located on it. From the spring, water was diverted using gravity flow to a home for inside use. The applicant did have a frost free hydrant next to the home that was fed with water from this spring. A 5 gallon bucket test was performed on this hydrant while no other water was being used in home. The 5 gallon bucket was filled in 21 seconds which is equal to 14.3 gpm or 0.03 cfs. The applicant only used water from this spring for in home use, though had a frost free hydrant for washing down the house or other minor outdoor uses. The license will be issued for 0.03 cfs with an annual volume of 0.6 acre-feet.

The applicant came in at one time and applied for four water rights on the property (98-7992 to 7995). All of these rights are independent of each other and there is no interconnection. There are also 3 water rights identified to the 40 acre tract (98-4006, 98-7752, and 98-7785). These water rights, according to the maps in the backfile, appear to be located on the neighbor's property to the east. There does not appear to be any other rights on this property except the 4 independent rights applied for by the applicant, there are no overlap concerns. All conditions will remain on the license except condition X01 will be changed to WB5 to say domestic use is only for in home with no irrigation.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.03 CFS	0.6 AF

Totals: 0.03 CFS 0.6 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 ☒ None

I. AUTHENTICATION

Adam Frederick - Water Resource Agent, Senior

Field Examiner's Name Adam Frederick Date 10/18/2019

Reviewer _____ Date _____

State of Idaho
Department of Water Resources
Attachment to Field Exam
98-7994

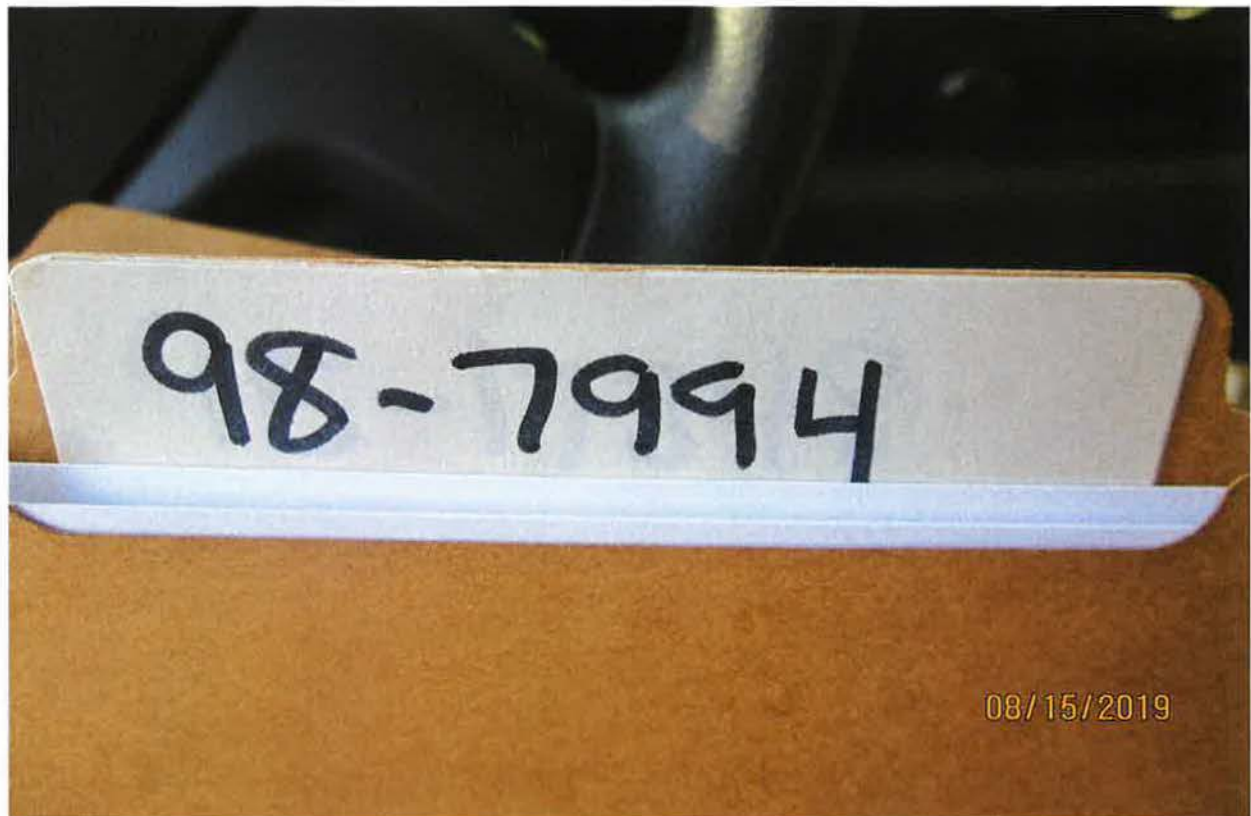
DOMESTIC / SYSTEM DIAGRAM



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.035 0.07 0.14 Miles





Spring POD. System was gravity fed to home.



Domestic POU.

