

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 96-9333

Exam Date: 10/21/2016

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? x Y ___ N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - ☒ Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Mary Armstrong & Ross Fulmer
 Owner of Record Correct? x Y ___ N
 Address of Record Correct? x Y ___ N
 If No: Physical address verified per aerial/mapping programs

3. Beneficial Use Fees have been paid: x Y ___ N Receipt No: N018659, C102525

4. SOURCE**TRIBUTARY**

Spring

Sinks

Method of Determination: Permit information/water permit report & ArcMap data

Change in Source: ___ Y x N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
None			

Comments:

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

Water Right No.	Source	Purpose of Use	Basis
None			

Comments:

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring	3	SW	NE	NW	3	59N	2W	B.M.	BONNER
								B.M.	
								B.M.	

Method of Determination: Permit information/water permit report & ArcMap data

Change in POD? ___ Y x N Amendment Required? ___ Y x N

2. PLACE OF USE: Use: Domestic

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
59N	2W	3					D												
		Lot #					3												
Total Acres =																			

Method of Determination: Permit information/water permit report & ArcMap data

Change in POU? Y X N Amendment Required? Y X N

 Delivery System Diagram Attached (required). Indicate all major components and distances between components.
Indicate weir size/pipe as applicable.

 X Aerial Photo Attached (required for irrigation of 10+ acres).

 Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Spring					

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

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
None						

2. Measurements: in-house fx – no measurements required**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

Measurement = per administration procedure memo #22 - diversion limited to 0.04 cfs

Permit allowed = 0.04 cfs

License recommend for 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad\quad\quad} \times 3.5 = \underline{\quad\quad\quad}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\quad\quad\quad} \times 214 \times 1.9835 = \underline{\quad\quad\quad}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{\quad\quad\quad}$$

2. Volume Calculations for Other Uses: per administration procedure memo #22 – 0.6 af

G. PURPOSE OF USEIrrigation ☐ Y ☒ N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Permit information/water permit report & ArcMap data

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

- This permit qualifies for in-house exam.
- Physical address verified per aerial/mapping programs.
- No overlapping water rights.
- Measuring device and lockable controlling device are not required.
- Diversion limited to 0.04 cfs per administration procedure memo #22.
- Volume calculations at 0.6 af (in-house use only – no landscape or yard)
- Condition #1 (26A) will be removed at licensing. Condition #2 (X01) will be carried to licensing.

Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.04 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

Other:

J. AUTHENTICATIONField Examiner's Name Kyle Rayworth Date 10/21/2016

Kyle Rayworth – Water Resource Agent

Reviewer Daniel D. Nels Date 10-22-16

State of Idaho
Department of Water Resources
Field Exam Map
96-9333

02W



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

0 0.035 0.07 0.14 Miles



MEMORANDUM

Date: October 20, 2016
To: Water Right File 96-9333
From: Kyle Rayworth
Re: 10/19/16 Correspondence

Spoke with Mary Armstrong to verify information regarding in-office review for licensing. Confirmed with her that there is no landscaping or yard to be included in the volume calculations, as the residence is surrounded only by forest. As a result, 0.6 af will be used per administration procedure memo #22.