

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

A. GENERAL INFORMATION

Permit No: 91-7900

Exam Date: 11/15/2016

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- a. Irrigation of 5 acres or less
- b. Storage of up to 14.6 AF for stockwater purposes only
- ☒ c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. Other < >
2. Current Owner: Jerrod and/or Brandi Scheffellaier
- Owner of Record Correct? ☒ Yes ☐ No
- Address of Record Correct? ☒ Yes ☐ No
- If No: Physical address verified per aerial/mapping programs

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: N027221, C102652

4. SOURCE**TRIBUTARY**

Avery Creek

St Joe River

Method of Determination: Permit information & ArcMap data

Change in Source:

☐ Yes ☒ No**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap ☒ Yes ☐ No ☒ Additional Sheet Attached

Water Right No.	Source	Purpose of Use	Basis
91-7170	Ground Water	Municipal	Decree

Comments: Water right 91-7170 is a municipal right that may be delivering domestic water for inside use to the lots related to this review. See overlap analysis for additional pertinent water right information.

2. Other water rights with the same point of diversion: Overlap ☐ Yes ☒ No ☒ Additional Sheet Attached

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
Avery Creek	2		NW	NE	15	45N	05E	B.M.	SHOSHONE

Method of Determination: Permit information & ArcMap data

Change in POD? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No

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	
45N	05E	15	D																
		Lot #	L2																

PLACE OF USE: Use: Fire Protection

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
45N	05E	15	D																
		Lot #	L2																

Method of Determination: Permit information & ArcMap dataChange in POU? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No

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

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

☐ Photo of Diversion and System Attached

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

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

D. FLOW MEASUREMENTS

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

Measurements: in-house field exam – no measurements required**E. FLOW CALCULATIONS**Measurement Method: ☐ Per Calculations ☒ Per Memo☐ Additional Computation Sheet(s) Attached

Measurement = 0.20 cfs Per administration procedure memo #22 – permit used for domestic purposes is limited to 0.04 cfs per household. There are no measurement limits for fire protection used on an existing fire.

Permit Allowance = 0.20 cfs 0.04 cfs for domestic & 0.20 cfs for fire protection

License Recommend = 0.20 cfs

F. VOLUME CALCULATIONSMeasurement Method: ☐ Per Calculations ☒ Per Memo☐ Additional Computation Sheet(s) Attached**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \quad \times 3.5 = \quad$$

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

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

2. Volume Calculations for Other Uses: Per administration procedure memo #22 – permit used for domestic purposes is limited to 0.6 af per household. There are no volume limits for fire protection used on an existing fire.

G. PURPOSE OF USEIrrigation ☐ Yes ☒ No # Stock _____ Domestic # of Homes 2

Other: < >

Change in Purpose of Use? ☐ Yes ☒ NoMethod of Determination: Permit information & ArcMap data

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

H. NARRATIVE/REMARKS/COMMENTS

- This permit qualifies for in-house exam.
- Electric pump to remove water from Avery Creek for domestic/yard irrigation and fire protection purposes.
- Owner stated on proof of beneficial use form that fish screening had been installed.
- Water right 91-7170 is a municipal right that may be delivering domestic water for inside use to the lots related to this review. See subsequent list for additional noted water rights.
- Permit used for domestic purposes is limited to 0.04 cfs per administration procedure memo #22.
- There are no volume limits for fire protection used on an existing fire.
- Conditions #1 (004), #2 (187), #3 (077), #4 (WB9), #5 (240) and #6 (X15) will be carried to licensing. Conditions X04, X59 and X60 will be added at 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	1.2 AF
Fire Protection	01/01 to 12/31	0.20 CFS	
<u>Totals:</u>		0.20 CFS	1.2 AF

Additional Notes:**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. AUTHENTICATION

Field Examiner: _____

Kyle Rayworth – Water Resource Agent

Date: 11/15/2016

Reviewer: _____

Date: 11-15-16

State of Idaho
Department of Water Resources
Field Exam Map
91-7900

05E



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

0 0.035 0.07 0.14 Miles

