

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

A. GENERAL INFORMATIONPermit No: 75-14933Exam Date: 07/12/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? ☒ Yes ☐ No
- a. ☒ Irrigation of 5 acres or less
- b. ☐ Storage of up to 14.6 acre-feet ("AF") for stockwater purposes only
- c. ☒ Combined diversion rate is less than 0.24 cubic feet per second ("cfs")

2. Current Owner: Name: Lorett Kinnicutt Rogers and/or Patrick Rogers
- Owner of Record Correct? ☒ Yes ☐ No
- Address of Record Correct? ☒ Yes ☐ No

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: C118412

4. SOURCE**TRIBUTARY**Ground Water

NA

Method of Determination: Information provided by permit holder in Statement of Completion and Application for Permit.Change in Source: ☐ Yes ☒ No**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
75-7294A	Ground Water	Domestic	Decree
75-14934	Ground Water	Commercial	Permit
75-15014	Ground Water	Commercial	Permit

Comments: The place of use ("POU") for permit no. 75-14933 ("this permit") authorizes a new use not authorized by the overlapping POUs listed in the table above.

Permit nos. 75-14934 and 75-15014 authorize water to supply a combined number of six (6) RV units, but no irrigation. The review memo for this permit (2019-04-18) states that water right no. 75-7294A does not provide irrigation water.

No other rights or permits overlap with the POU for this permit.

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

Water Right No.	Source	Purpose of Use	Basis
75-14934	Ground Water	Commercial	Permit
75-15014	Ground Water	Commercial	Permit

Comments: Permit nos. 75-14934 and 75-15014 are authorized to divert out of the authorized POD for this permit.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water	2		SW	NW	22	18N	21E	B.M.	LEMHI

Method of Determination: GIS and well information provided by the permit holders. The applicants submitted a photograph of Metal Tag Number D0000398 (Well ID no. 286075), whose GIS location is the authorized POD. Well ID no. 286075 was constructed prior to the application for permit.

Change in POD? ☐ Yes ☒ No

Amendment Required?

☐ Yes ☒ No

2. **PLACE OF USE:** Use: 1.6 acres of irrigation were developed under this permit.
The POU is located within Lots 47-55, Blk. 1, Salmon River Meadows Annex.

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
18N	21E	22							1.6										1.6
		Lot #							2										
Total Acres =																			1.6

Method of Determination: GIS calculation of irrigated acres using county parcel boundaries and satellite imagery.

Change in POU? ☐ Yes ☒ No

Amendment Required? ☐ Yes ☒ No

3. Diversion System Information:

Description:

☐ Delivery System Diagram Attached. (mark all major components and distances between components)

☒ Aerial Photo Attached (required)

☐ Photo of Diversion and System Attached

☒ Map clearly identifying POD and POU

3. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Metal Tag No. D0000398	Unknown	Unknown	Unknown	Unknown	Unknown

*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
Not measured	NA	NA	NA	NA	NA	NA

2. Measurements: No flow measurements were taken. The use is small enough and this permit qualified for an in-office exam. I used satellite imagery of irrigated acres to calculate the quantity of irrigation that was developed under this permit.

E. FLOW CALCULATIONS

No Additional Computation Sheets Attached

Measured Method: I did not calculate a diversion rate for this permit. The permit holders did not provide information about the pump and diverting works.

According to Administrative Memorandum – Application Processing #17 ("Acceptable Rates of Irrigation Flow for Small Acreages"), up to 0.03 cfs per acre is an acceptable rate of diversion for 5 acres of irrigation or less. This permit authorized 0.04 cfs for 1.8 acres, which is within the acceptable rate per acre.

Permit authorized = 0.04 cfs

License recommendation = 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.6 \text{ acres} \times 3.5 \text{ AF / acre} = 5.6 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 \text{ AF / (day} \times \text{cfs)} \\ = 0.04 \text{ cfs} \times 214 \text{ days} \times 1.9835 \text{ AF / (day} \times \text{cfs)} = 17.0 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 5.6 \text{ AF}$$

Comments:

Volume calculations used observed irrigated acres (1.6 acres) and the standard irrigation requirement for the location of the POU (3.5 AF / acre) to calculate the irrigation volume.

2. Volume Calculations for Other Uses: None

3. Total Volume:

$$V = \text{Volume for Irrigation} = 5.6 \text{ AFA}$$

G. PURPOSE OF USE

Irrigation 1.6 acres

Change in Purpose of Use? ☐ Yes ☒ NoMethod of Determination: Observed irrigation using satellite imagery of POU for calculation of irrigated acres.**H. NARRATIVE/REMARKS/COMMENTS**

The permit holders submitted the Statement of Completion for Submitting Proof of Beneficial Use on June 3, 2024. Because this permit authorizes less than 5 acres of irrigation and a diversion rate less than 0.24 cfs, this permit can be licensed through an in-office examination of beneficial use (IDAPA 37.03.02.035.01.r).

The POD identified for this beneficial use is a well that was constructed within Lot 52, Blk. 1, Salmon River Meadows Annex, prior to the application for permit (Metal Tag Number D0000398 & Well ID no. 286075). The well driller's report listed "Domestic" and "Other" for the uses from this well. I did not find any information about payment of a well-upgrade fee for non-domestic uses.

This permit authorized 1.8 acres of irrigation within Lots 47-55, Blk. 1, Salmon River Meadows Annex. In the Statement of Completion, the permit holders described the irrigated place of use as the portion of their properties excluding structures. Satellite imagery of the properties indicated that 1.6 acres of land has been developed for irrigation, once buildings, driveways and other non-irrigation uses were accounted for. The permitted diversion rate of 0.04 cfs can be carried forward to the license, because this diversion rate does not exceed the acceptable diversion rate of 0.03 cfs per acre for acreages of 5 acres or less (Application Processing Administrative Memo #17 ("Acceptable Rates of Irrigation Flow for Small Acreages")).

There are water rights with overlapping places of use, but none of the overlapping water rights provide irrigation water to these lands.

Conditions of approval

The permit holders stated that there are lockable controlling works on the diversion but did not provide evidence of installation. The requirement to maintain lockable controlling works for the irrigation use will stand as Condition #2 of the permit (01H) is replaced with Condition R02 at licensing as per current guidance.

This water right may be administered by Water District no. 170, as noted with Condition R05.

Conditions # 10 (26A) and # 11 (046) on the permit, regarding the construction of the diverting works, are removed. All other conditions will be carried forward to licensing.

Have the 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>	<u>ACRES</u>
Irrigation	04/01 to 10/31	0.04 CFS	5.6 AF	1.6 acres

2. Recommended Amendments

☐ Change POD as reflected above ☐ Add POD as reflected above ☒ None

☐ Change POU as reflected above ☐ Add POU as reflected above ☒ None

Other:

J. AUTHENTICATION – David Betts, Water Resource Agent

Field Examiner's Name David Betts Date 07-26-2024

Reviewer [Signature] Date 9/2/25

