

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

A. GENERAL INFORMATIONPermit No: 2-10574

Exam Date: 8/13/2020

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: Trudy Webb & Steven Webb
- Owner of Record Correct? X Y ___ N
- Address of Record Correct? X Y ___ N
- If No: Address

3. Beneficial Use Fees have been paid: X Y ___ N Receipt No: C108955

4. SOURCE TRIBUTARY
- Snake River Columbia River

Method of Determination: GIS

Change in Source: ___ Y ___ X ___ N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of U	Basis
Boise Project Board of Control	Various	Irrigation	Decree
U.S. acting through Bureau of Reclamation	Various	Irrigation	Decree
Wilder Irrigation District	Snake River	Irrigation	Decree

Comments: The above mentioned water rights owned by the Boise Project Board of Control and Bureau of Reclamation do not directly overlap this permit. They authorize irrigation over large places of use, which is how the water rights are indirectly related to this permit. The place of use is partially irrigated with water shares from the Wilder Irrigation District. This permit will provide additional irrigation when the district's supply is decreased not able to water the property as desired.

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

Water Right No.	Source	Purpose of Use	Basis
N/A	N/A	N/A	N/A

Comments: No POD overlap**C. DIVERSION AND DELIVERY SYSTEM**

1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Snake River	2		SE	SW	11	03N	05W	B.M.	Canyon
								B.M.	
								B.M.	

Method of Determination: GIS and Taxlot data.Change in POD? X ___ N Amendment Required? X ___ N

2. **PLACE OF USE:** Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	SW	11												0.7					0.7
		Lot #												L2					
Total Acres =																			0.7

Method of Determination: GISChange in POU? X N Amendment Required? X N 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

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

*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: No measurement is possible for an in-house exam.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method: N/A

Administrative processing memo # 17 allows up to 0.03 cfs/acre for irrigation under 5 acres. Based on the observed irrigation of 0.7 acres, I am recommending a rate of 0.02 cfs. This rate divided by the 0.7 acres equates to approximately 0.03 cfs/acre.

Permit allowed = 0.03 cfs

Recommended: 0.02 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

Surface water rights do not require a volume. Per IDAPA code 37.03.02 "Beneficial Use Examination Rules" Pg. 7 viii- *uses exempt from volume reporting requirements....include....irrigation using natural stream flow diverted from a stream or spring.* This permit diverts water directly from the Snake River and therefore does not require a volume.

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses: N/A

G. PURPOSE OF USE

Irrigation X Y N # Stock Domestic # of Homes

Other:

Change in Purpose of Use? Y X N

Method of Determination: Taxlot data & aerial imagery.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in house exam. The POD and POU are both in Government Lot 2, in the SESW quarter-quarter of Section 11, Township 03 North, Range 05 West. The POU also located on parcel No. R3373610600 on Lot 7, Block 1 of the Riverfront Estates Subdivision, Department tax-lot data from 2020 shows that the parcel is currently owned by the permit holders (Trudy and Steven Webb). The domestic structures on the property were built sometime in 2017 and aerial imagery supports this construction timeframe.

The water diverted from the Snake River under this permit is complementary to other water shares supplied by the Wilder Irrigation District (WID). The original application for permit included an explanation from the Webb's regarding their intent to seek a water right in order to lengthen the irrigation season and provide water when existing shares may be shortened due to low water years. Before the permit was established, it is evident from 2018 aerial imagery that irrigation had occurred on approximately 0.2 acres around the home. There is an existing domestic well on the property that was drilled in 2017. The tag associated with this well is D0076921. The prior irrigation could have occurred from this well but based on the applicant's mention of water shares, it is assumed that it occurred from shares provided by the WID. The licensed place of use will include this 0.2 acres as well as an additional 0.5 acres of grassy area around the home and 14 entrance trees/shrubs along the driveway that were observed from 2019 aerial imagery.

This permit indirectly overlaps with numerous irrigation rights owned by the Boise Project Board of Control and the United States acting through the Bureau of Reclamation. None of these rights share the POU or POD. The WID has overlapping water rights that provide the primary irrigation water to the property. According to Department records, the Hellyer Drain/canal runs along the Eastern edge of the subdivision. This drain diverts Snake River water approximately 0.5 miles upstream from the POD for this permit. It is likely that the irrigation shares from the WID are provided by this canal.

Conditions 1 and 2 were removed, as is standard. Condition 3 (121) was changed to 103. Condition 4 (R52) is listed as inactive and therefore, I will change it to condition R69. I added conditions x59 and x60 to designate the place of use and point of diversion subdivision location.

Have conditions of permit approval been met? X Yes No

I. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	03/01 to 11/15	0.02 CFS	
	<u>Totals:</u>	0.02 CFS	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

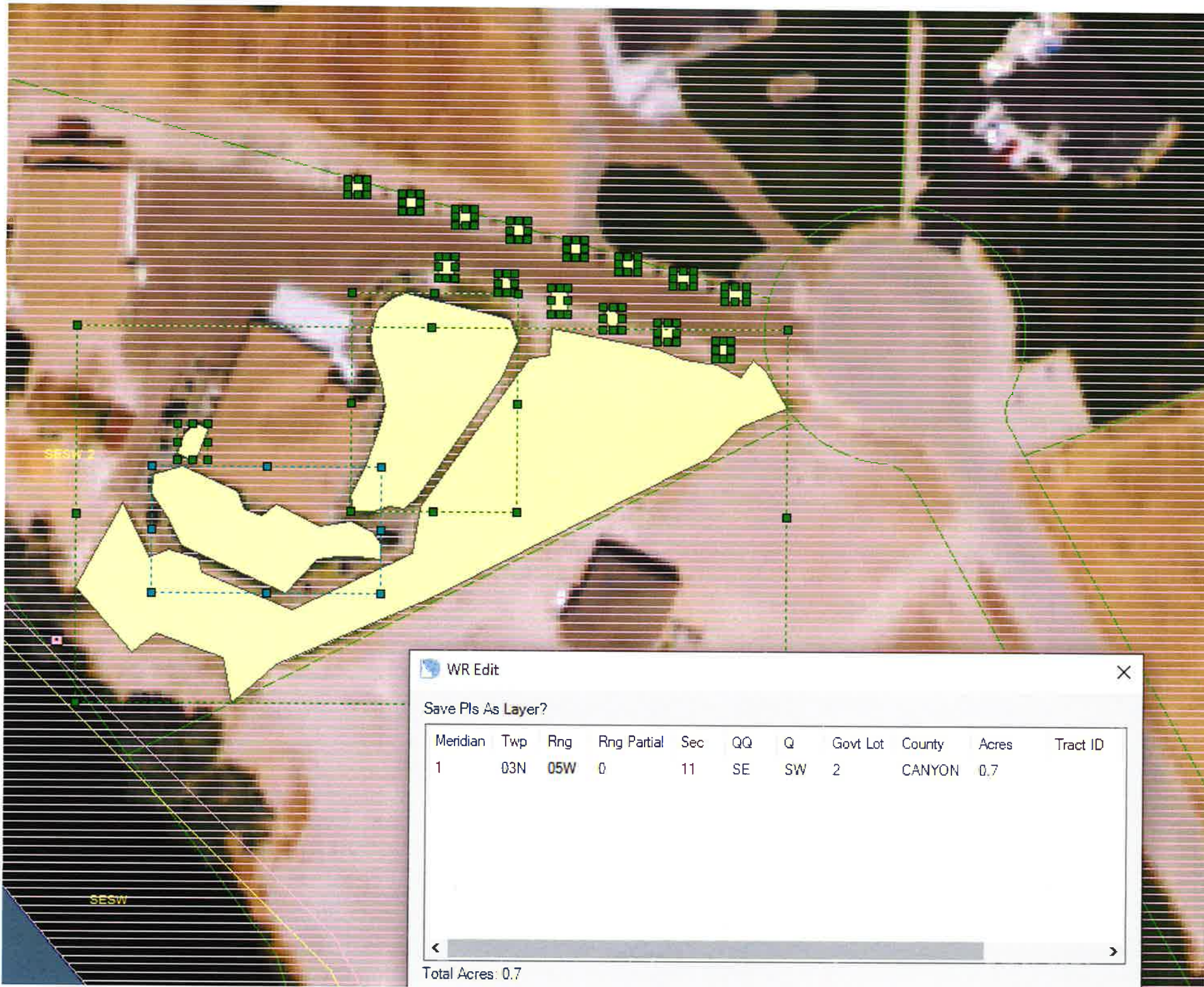
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

Other:

J. AUTHENTICATION

Field Examiner's Name Alex D. Gersh Date 8/14/2020

Reviewer F. Hume Date 08/14/20



WR Edit

Save Pls As Layer?

Meridian	Twp	Rng	Rng Partial	Sec	QQ	Q	Govt Lot	County	Acres	Tract ID
1	03N	05W	0	11	SE	SW	2	CANYON	0.7	

Total Acres: 0.7