

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

A. GENERAL INFORMATIONPermit No: 75-14874

Exam Date: 10-5-2020

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.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: Jeffery J. Bockman and Kelly A. Bockmon Revocable Family Trust
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No: Address

The Department's tax parcel data shows the property for the place of use is in the ownership of the Jeffery J. & Kelley A. Bockmon. Although the tax parcel doesn't list the trust, the property is in the ownership of the Bockman's.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C109271

4. **SOURCE** **TRIBUTARY**

Ground Water

Method of Determination: GIS, Well Driller's Report, and Tax Parcel DataChange 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
75-7120	Spring	Fish Propagation	Decree
75-10157	Ground Water	Domestic	Decree

Comments: Water right 75-7120 is a fish propagation right for a small pond within the parcel associated with this permit. 75-7120 is not used for irrigation or attached to the domestic and irrigation system. Water right 75-10157 is a domestic water right that authorizes in-house and up to 1/2 acre of yard irrigation from the same well as this permit. It should also be noted that water rights 75-7107, 75-10255, and 75-7074 are in the same 40 acre tract, but are for neighboring properties.

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

Water Right No.	Source	Purpose of Use	Basis
75-10157	Ground Water	Domestic	Decree

Comments: Water right 75-10157 is the only water right that shares the same well as this permit. Water rights 75-7120 and 75-7107 are diverted from a spring on this property, but they are not tied into the irrigation system. Water rights 75-10255 and 75-7074 are in the same 40 acre tract, but they are not connected to or near the property associated with this permit.

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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Well			SE	SW	3	23N	22E	B.M.	LEMHI

Method of Determination: GIS, Well Driller's Report, and Tax Lot 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	
23N	22E	3												0.8					0.8
		Lot #																	
Total Acres =																			0.8

Method of Determination: GIS and Tax Lot Data

PLEASE NOTE: I found 1.3 acre irrigated in this place of use. Decreed water right 75-10157 authorizes 0.5 acres of irrigation under the domestic use from the same well. Therefore, I can only recommend 0.8 acres for this permit. The permit holder will be authorized to irrigate the entire 1.3 acres when water rights 75-10157 and 75-14874 are combined.

Change 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.

 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
Well Pump	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
NONE						

2. Measurements: No measurement is required for an in-house exam.

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit or in the water right file for 75-10157 that tells what the size of the well pump is for this permit. Therefore, I am required to fall back on the standard for irrigation under 5 acres set forth by Administrative Processing Memo #17.

Administrative Memo #17 = 0.8 acres X 0.03 cfs/acre = 0.02 cfs for domestic use

Permit allowed = 0.05 cfs

I am recommending 0.02 cfs since I can only recommend 0.8 acres at a diversion rate of 0.03 cfs/acre. When 75-10157 and this permit are combined, the permit holder could actually irrigate with a diversion rate of up to 0.04 cfs (1.3 acres X 0.03 cfs/ac = 0.039 cfs).

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.8 \text{ acres} \times 3.5 \text{ af} = 2.8 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 8.5 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 2.8 \text{ af}$$

PLEASE NOTE: When this permit and 75-10157 they would be limited to 4.6 af (1.3 acres X 3.5 af/ac = 4.55 af).

2. Volume Calculations for Other Uses:

N/A

G. PURPOSE OF USE

Irrigation X Y N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y N

Method of Determination: Taxlot data and conversations with owner.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. The well supplying this permit shares a well with water right 75-10157. I found a total of 1.3 acres being irrigated. Decreed water right 75-10157 authorizes domestic use for in-house use and up to 1/2 acre of irrigation. Therefore, this permit must be limited to 0.8 acres of irrigation.

When I first reviewed the overlapping water rights, water rights 75-7120, 75-10157, 75-7107, and the well location were shown at a common point, and the point of diversion for this permit was shown at a slightly different location. I reviewed the records for all of these water rights, and I found that the water rights for the spring (75-7120 and 75-7107) were clearly in the wrong location. Therefore, I moved the point of diversion for 75-7120 and 75-7107 to the location shown in the water right files. I then moved the point of diversion for this permit to the location shown in the record as the point of diversion for 75-10157 and the well point in our database. The legal descriptions didn't change on any of the water rights, but it does clear up the difference between the well and the spring diversions.

Conditions 01H, 196, 197, 198, U44, and U45 should be carried forward to licensing. The remaining conditions should be removed or changed at licensing. Condition R67 should be changed to condition X31 limiting the diversion rate to 0.02 cfs and 2.8 af for the 0.8 acres described in this permit. Condition X35 should be changed to 0.04 cfs and 4.6 af for 1.3 acres when the two rights are combined. We haven't been including X35 conditions on licenses with combinations with domestic uses, but this condition was included on the permit. Since it was included on the permit, we should carry it forward to licensing. The US Forest Service agreed not to protest this permit if we included conditions U44 and U45 on the permit and the license. We agreed to include those conditions.

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	04/01 to 10/31	0.02 CFS	2.8 AFA
<u>Totals:</u>		0.02 CFS	2.8 AFA

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above X None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 10-6-20

Reviewer  Date 10/15/20

Field Exam Map:

The yellow border shows the irrigated acres for this parcel. There are a total of 1.3 acres irrigated. Water right 75-10157 is a domestic use that allow up to $\frac{1}{2}$ acre of irrigation. This allows a maximum of 0.8 acres to be authorized by this right. The yellow point shows the location of the well where water rights 75-10157 and 75-14574 are diverted from. The orange square dot shows the location where I moved the spring point of diversion for water rights 75-7120 and 75-7107. I moved the spring point of diversion based on the water right field exams and adjudication files. When I first reviewed the overlapping water rights, the spring and the well were located at the same location.

