

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

A. GENERAL INFORMATIONPermit No: 65-23781Exam Date: 3/20/2020

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N //
- 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: Name: Kelly Bench and Carrie Bench
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

The Department's tax parcel data shows the property is in the ownership of the Kelly L & Carrie L Family Bench Trust. I don't foresee any issues with the ownership of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C108467

4. SOURCE TRIBUTARY
 Wastewater Payette River

Method of Determination: GIS and Tax Parcel 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
Farmer's Cooperative Irrigation Company LTD – Rights 65-66 and 65-67	Payette River	Irrigation	Decree
Lake Reservoir Company Rights 65-2923C and 65-2923E	Fall Creek	Irrigation From Storage	Decree

Comments: The application for permit states that the property owner holds 2 shares of Farmer's Coop shares, but they also state the delivery of those shares is questionable. Water right 65-4304 is located in the same legal subdivision, but it appears as though it belongs to the parcel located at 3947 SW 2nd Ave. This parcel is owned by Jacob and Laura Lee. The Lee's are the neighbor to the due west and south. Water rights 65-6690 and 65-6689 are also in this 40 acre tract. Water rights 65-6690 and 65-6689 are domestic and stockwater rights that have priority dates in 1940 and 1912. The only homes in this legal subdivision in the 1992-2000 aerial imagery are on 3947 SW 2N Ave. and 3913 SW 2nd Ave. It is my assumption that water rights 65-6690 and 65-6689 are on the 3913 SW 2nd Ave. property, which is currently owned by Jessica and Derrald Waters. The Waters own the property on the west side of the Lee Property. There is no recording of a well on this property, but I believe the home is fed by a well for the in-house use under Idaho Code § 42-227 and § 42-111. Therefore, this should be considered as piece of the overlapping water right issue.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no other rights that are diverted from the wastewater pump described in 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
Wastewater Pump			NE	SE	8	7N	4W	B.M.	PAYETTE
								B.M.	
								B.M.	

Method of Determination: GIS 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	
7N	4W	8													0.9				0.9
		Lot #																	
Total Acres =																			0.9

Method of Determination: GIS and Tax Lot DataChange 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
Wastewater 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

YES Additional Computation Sheets

Attached

Measured Method:

There wasn't adequate information in the file to determine the flow rate. Therefore, I was required to Processing Administrative Memorandum #17 for 5 acres or less.

Administrative Memo #17 = 0.03 cfs X 0.9 acres = 0.027cfs rounded to 0.03 cfs for irrigation use
Permit allowed = 0.06 cfs

I am recommending 0.03 cfs since I am limited to 0.03 cfs per acre.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{0.9 \text{ acres} \times 4.5 \text{ af} = 4.05 \text{ af (Rounded to 4.1 af)}}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{0.03 \text{ cfs} \times 260 \text{ days} \times 1.9835 = 15.5 \text{ af}}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{4.1 \text{ af}}$$

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 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 place of use determined from the 2019 aerial imagery matches the map supplied in the application for permit. There is a small area south of the shop that is suspect, but I believe that this area is actually a garden area, and wouldn't show up the same as yard irrigation.

The permit required a lockable device, and for these types of systems, a ditch pump can easily be pulled from the ditch. They are generally all on or all off due to the low diversion rate.

According to the water district worksheet, this permit is administered by Water District 65.

Conditions 176, R05, and 01R will be carried forward to licensing. Condition R69 will be changed to condition X31 with a diversion rate of 0.03 cfs and a volume of 4.1 af. Condition 01H will be changed to condition R02. Condition 121 will be changed to condition 103.

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>
Irrigation	03/01 to 11/15	0.03 CFS	4.1 AFA
<u>Totals:</u>		0.03 CFS	4.1 AFA

Please Note: This is a surface water right, so no volume will be included on the water right license.

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 – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 3-24-19

Reviewer  Date 4/2/2020

Field Exam Map:

The yellow border shows the irrigation place of use for this permit and the pink dot shows the point of diversion. This is a 2019 aerial image.

