

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

A. GENERAL INFORMATIONExam Date: 12/15/2023

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- a. X 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: Delton and Tracie Isaac
- Owner of Record Correct? N
- Address of Record Correct? N
- If No Explain: N/A

3. Beneficial Use Fees have been paid: X Y N Receipt No: C117302

4. Source: Tributary:
- Spring Sinks

Method of Determination: GIS 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
98-7325	Moyie River	Irrigation	Decree

Comments: Water right 98-7325 overlaps the place of use. It is owned by the Three Mile Irrigation District. Since this right diverts from a different source and isn't directly appurtenant to the proposed place of use there is no reason to combine limit 98-7325 and this permit.

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

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

Comments: N/A

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		NW	NE	SW	9	62N	02E	B.M.	Boundary
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel Data. According to a phone conversation with the permit holder on December 13th, 2023, only one of the points of diversion on the permit was put to beneficial use. The other, in the NWSE, was intended for domestic use and stockwater, but beneficial use was not developed according to the permit holder.

Change in POD? Y X N Amendment Required? Y X N

2. Place of 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	
62N	02E	9									0.1								0.1
		Lot #																	
Total Acres =																			0.1

Method of Determination: GIS, Tax Parcel Data, a phone conversation with the permit holder, and 2021 Google Earth Imagery.

Change in POU? Y X N Amendment Required? Y 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

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*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
N/A						

2. Measurement Comments: The permit holder did not provide a pump horsepower. Therefore, a diversion rate calculation was not possible.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. According to Administrative Processing Memo #17 the standard diversion rate per acre for the irrigation of 5 acres or less is 0.03 cfs per acre, 0.1 acres * 0.03 cfs/acre = 0.003 cfs or 0.01 cfs rounded. The permit authorizes 0.09 cfs. I am recommending a 0.01 cfs diversion rate.

F. VOLUME CALCULATIONS

2. Volume Calculations for Other Uses: According to the IDAPA Beneficial Use Examination Rule 37.03.02.35. 01j.viii if a permit authorizes diversion from a natural flowing stream/river or spring a diversion volume is not required at licensing.

G. PURPOSE OF USE

Irrigation X Y N # Stock N/A Domestic # of Homes N/A

Other: < >

Change in Purpose of Use? Y X N

Method of Determination: GIS, Tax Parcel Data, a phone conversation with the permit holder on December 13th, 2023, and 2021 Google Earth Imagery.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. According to Tax Parcel Data the property was developed in 1977. The permit authorizes domestic use for one home, stockwater and the irrigation of 1 acre diverting from two springs. 2021 Aerial Imagery didn't indicate which acres were being irrigated with spring water. After a phone conversation with the permit holder on December 13th, 2023, they confirmed spring water was used to irrigate a 30 ft * 30 ft area of blueberries. A 0.1-acre place of use shape was created around the blueberry patch. The permit holder also confirmed only one spring, in the NESW, is used for irrigation. The other spring was intended for a home and stockwater roughly 100 ft from the spring in the NWSE. However, the permit holder confirmed the home and stockwater is not currently developed. Therefore, only irrigation could be licensed because it was the only diversion of water confirmed to be put to beneficial use.

Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. The standards set in Administrative Processing Memo #17 were used to make a diversion rate recommendation. According to the IDAPA Beneficial Use Examination Rules 3703.02.35. 01].viii a diversion volume is not required at licensing if a permit authorized diversion from a naturally flowing stream/river or spring. All of the conditions have been met and it was confirmed a beneficial use was developed within authorization on the permit. Therefore, I am recommending a 0.01 cfs diversion rate.

No current permit conditions will advance to licensing. Condition R66 should be changed to X31 since irrigation is less than 1 acre. Conditions X01 and 187 should be removed because domestic and stockwater use were not developed. Condition 004 should be removed because it was confirmed there are no legal access concerns to the point of diversion or place of use. Conditions 26A and X02 should be removed as standard with licensing. All other conditions should be removed as standard with 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>
Irrigation	04/01-10/31	0.01 CFS
<u>Totals:</u>		0.01 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 [Signature] Date 12/15/2022

Reviewer [Signature] Date 12/26/23

Field Exam Map

Map showing the authorized point of diversion (yellow point) and irrigated place of use (orange outline).

