

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

A. GENERAL INFORMATIONPermit No: 96-9872

Exam Date: 10/13/2021

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: James E and Deborah L. Christopherson
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

The Department's parcel data shows James E and Deborah L. Christopherson as the owner of the property. Therefore, I don't see any issues with the ownership of this property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: N037490

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

Spring

Sinks

Method of Determination: GIS, Tax Parcel Data, and a telephone conversation with the permit holder.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

Comments: There are no active water rights, claims, or recommendations in this 40 acre tract

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no active water rights, claims, or recommendations in this 40 acre tract

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		NE	NE	NW	8	56N	2E	B.M.	Bonner County
								B.M.	
								B.M.	

Method of Determination: GIS, Tax Parcel Data, and a telephone conversation with the permit holder. Change in POD?

 X N Amendment Required? X N

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

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
56N	2E	8					D												
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Parcel 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
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
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 that tells what the size of the spring pump is for this permit. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22.

Administrative Memo #22 = 0.04 cfs for domestic use
Permit allowed = 0.04 cfs

I am recommending 0.046 cfs since the permit limitation was based on Administrative Memorandum #22.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

V_{I.R.} = (Acres Irrigated) x (Irrigation Requirement) = _____V_{D.R.} = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = _____

V = Smaller of V_{IR} and V_{DR} = _____

2. Volume Calculations for Other Uses:

Administrative Processing Memorandum #22 provides guidance to allow 1.2 af for in-house use and yard irrigation, which would allow 1.8 af for this type of permit.

G. PURPOSE OF USE

Irrigation ☐ 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. This is a standard straight forward domestic use from a spring. I contacted the owner and he informed me that the spring is on the side of the driveway just below the hill. I did think the spring may be in the back of the home, since there are some outbuildings in that area. He told me the spring was captured in a buried cistern.

The home is clearly seen in the aerial imagery, so there shouldn't be any issues with this permit.

Conditions X01 and 187 should be carried forward to licensing. The 004 condition should be removed, since the spring is clearly on the permit holder's property, and there is no spring channel leading away from the spring area.

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>
Domestic	01/01 to 12/31	0.04 CFS	1.2 AFA
<u>Totals:</u>		0.04 CFS	1.2 AFA

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 Daniel A. Nelson Date 10-14-21

Reviewer _____ Date _____

Field Exam Map:

The yellow border shows the place of use and the yellow point shows the point of diversion. The yellow border is also the tax parcel borders.

