

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

A. GENERAL INFORMATIONPermit No: 95-12708

Exam Date: 8/21/2017

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: Gary Spence
 Owner of Record Correct? Y X N (see below)
 Address of Record Correct? Y N
 If No: Address

Tax parcel data shows Gary Spence as the owner of the property for the Place of Use and Martine Morin and the owner of the property of the Point of Diversion. I spoke with the Gary Spence on 8/21/2017 by telephone, and he told me that they did sell the tax parcel where the well is located last summer. Mr. Spence also informed me that the county required him to have a signed well agreement recorded with the county prior to developing the tax parcel described in this permit. Therefore, there should be no issues with water use from the well.

3. Beneficial Use Fees have been paid: X Y N Receipt No:
 4. SOURCE TRIBUTARY

Ground Water

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

Comments: I found 27 water rights that are in the same 40 acre tract, but none of directly overlap this property.
Adjudication recommendation 95-14365 uses the same well, but is used on the property to northwest. Mr. Spencer owned both properties, but sold the property associated with water right 95-14365.

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

Water Right No.	Source	Purpose of Use	Basis
95-14365	Ground Water	Domestic	Recommendation

Comments: I found 27 water rights that are in the same 40 acre tract, but only one directly overlaps this point of diversion.
Adjudication recommendation 95-14365 uses the same well, but is used on the property to northwest. Mr. Spencer owned both properties, but sold the property associated with water right 95-14365 last summer and has a well agreement recorded with the county to use the same well for both properties.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Well	1		NW	NW	33	50N	3W	B.M.	KOOTENAI
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Lot Parcel.

Please Note: The current tax parcel data places the point of diversion in the NWNW of Section 33 and not the NENW of Section 33 as shown in the permit legal description. Both legal descriptions are in Government Lot 1, so we can correct the 40 acre tract without an amendment of permit.

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	
50N	3W	33						D											
		Lot #						1											
Total Acres =																			

Method of Determination: GIS and Tax Lot Parcel.

Please Note: The current tax parcel data places the place of use in the NWNW of Section 33 and not the NENW of Section 33 as shown in the permit legal description. Both legal descriptions are in Government Lot 1, so we can correct the 40 acre tract without an amendment of permit.

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). X 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
LAKE PUMP	Grundfos	1.5	Model 16S	Grundfos	16S14 (1 ½ Hp)

*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. However, the permit holder supplied a pump curve that shows the pump diverts 19 gpm or 0.04 cfs.

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method:

The permit allows 0.04 cfs for domestic use. There is no information available to determine the capacity of the well, so I am relying on Processing Administrative Memorandum #22 for my recommendation of the flow rate.

Administrative Memorandum #22 = 0.04 cfs

Permit allowed = 0.04 cfs for domestic

I am recommending a diversion rate of 0.04 cfs for the domestic use with a total of 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

According to Processing Administrative Memorandum # 22, we can allow up to 1.2 af for domestic use for in-house use and up to ½ acre of yard irrigation. The aerial photos and the photos supplied by the permit holder with the proof of beneficial use clearly show an RV using the water and the irrigation of fruit trees.

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 field exam. The permit holder supplied photos with their proof of beneficial use statement that clearly shows a RV hooked up to the water line, and several fruit trees on the parcel using water as well. Therefore, a recommendation for domestic use including in-house use and irrigation seems reasonable.

I was concerned that the owner of the permit was not showing up as the owner of the tax parcel where the well is located. I contacted the permit holder, and he informed me that they had sold the property with the well last summer, and moved into a RV on the other tax parcel. The permit holder also told me that Kootenai County required them to attain a well agreement prior to connecting the second parcel to the well. The county would not allow them to occupy the property until the well agreement had been recorded with the county. The permit holder also provided a letter with the proof of beneficial use statement of additional things the County required prior to occupying the tax parcel. It is clear that the two parcels operate completely separately from each other now that there is separate ownership of the two properties.

Conditions 1 (26A) and 5 (046) will be removed at licensing as is standard. Conditions 2 (X01), 3 (187), and 4 (004) will be carried forward to licensing. Condition F06 should be added to show 95-14365 is diverted out of the same well. Conditions X59 and X60 should be added to better describe the point of diversion and place of use. The point of diversion and place of use on in different tax parcels, so it is imperative to add these two conditions.

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 AF
<u>Totals:</u>		0.04 CFS	1.2 AF

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

8-21-17

Reviewer

Date

Permit 95-12708 Field Exam Map

The 2013 aerial imagery below shows the place of use and point of diversion in yellow. The tax parcels are shown in green. As you can see, the well is located on the neighbor's property to the northwest.

