

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

A. GENERAL INFORMATIONPermit No: 29-14355

Exam Date: 3/7/2022

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: Vicki and William J. Meadows
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

The Department's parcel data shows William and Vicki Meadows Revocable Trust, William J. Meadows Trustee as the owners of the property of the place of use and point of diversion. 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: E047834

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: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
Bureau of Reclamation And Falls Irrigation District Various Water Rights	Ground Water and Snake River	Irrigation	Decrees

Comments: The place of use for this water right appears to be within the borders of Falls Irrigation District, but it doesn't appear as though this property has been irrigated under this irrigation district.

2. Other water rights with the same point of diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
29-14357	Ground water	Domestic	Permit- Pending licensing

Comments: 29-14357 uses the same point of diversion (well) as this permit. It is unclear if there are multiple pumps in the well or if there is a single water pump. The well is directly between the two properties on the Gehring property. The owner of permit 29-14355 has an easement to the well that allows them access if needed.

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 Tag # D0071386	4		NW	NW	3	8S	31E	B.M.	Power
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Parcel Data.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	
8S	31E	3						D											
		Lot #						4											
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
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 29-14357 that tells what the size of the well 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 0.04 cfs since the permit limitation was based on Administrative Memorandum #22.

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:

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. However, this permit has a 13,000 gallon per day limitation condition, so no volume is required.

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 permit is for a single domestic use from a shared well. The property where the well is located is on the permit holder's property, so there are no ownership issues.

There is no information in the file if the permit holder and owners of permit 29-14357 are sharing a single well pump or if there are 2 well pumps in the well. Regardless, we can give them a full diversion rate and volume since they have filed separate water right permits.

The only other issues that I can see is that it appears that this permit and permit 29-14357 utilize the same well. This is not a significant issue, but a condition will need to be included to ensure a new well isn't added at a later date.

Conditions X01, 187, and 004 should be carried forward to licensing.

Condition N13 should be changed to condition 071. The reason to change N13 to 071 is that this well is only feet away from the Snake River Plain Aquifer Ground Water Management Area and Moratorium Area. Condition N13 is generally used in Wild and Scenic areas, which could cause some questions for someone performing a condition search.

Condition F06 should be added to show water rights 29-14355 and 29-14357 use the same well.

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

Please Note: This permit has a condition limiting the domestic use to 13,000 gallons per day, so no annual volume will be included on the water right license.

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

3-7-22

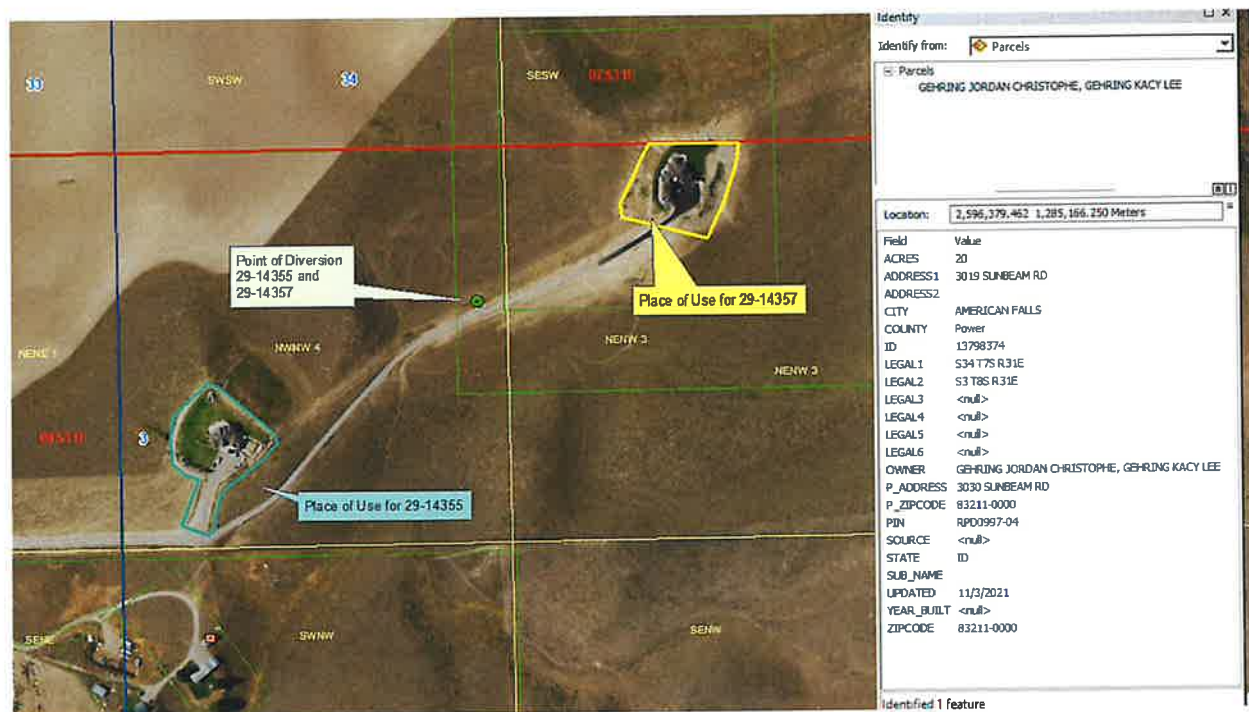
Reviewer



Date

3/10/22

The yellow border shows the place of use for 29-14357. The green point shows the shared well and point of diversion for both water rights 29-14355 and 29-14357. The blue border shows the place of use for 29-14355. The green borders show the tax parcels for this property.



The top screenshot shows the 'Identify Results' window with a single result for a yellow helicopter. The bottom screenshot shows the same window with multiple results for various vehicles and equipment, including a yellow helicopter, a green truck, and a white van.

This map shows the location of the point of diversion in relationship of point of diversion to the Eastern Snake Plain Aquifer Ground Water Management Area. This relationship suggests that we should use a 13,000 gallon per day condition.

