

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

A. GENERAL INFORMATIONPermit No: 84-12313

Exam Date: 9/8/2022

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: Drury Millet
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No: Address

According to state tax parcel data the owner of the property is Drury Millet.

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

4. SOURCE TRIBUTARY

Groundwater

Method of Determination: GIS and Tax 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: There is only one other water right that is on the north side of the road, 84-10815. However, this right is on a different property and is a different water system.

2. Other water rights with the same point of diversion: 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	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Groundwater	4		NE	SW	12	34N	03E	B.M.	Idaho
								B.M.	
								B.M.	

Method of Determination: GIS, Well Drillers Report, and Tax data.Change in POD? X Y N Amendment Required? X Y 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	
34N	03E	12									D								
		Lot #									4								
Total Acres =																			

Method of Determination: GIS and Tax Data.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.

 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
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
NONE						

2. Measurements: No measurement is required for an in-house exam; a theoretical calculation is not possible without pump horsepower.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

Without a theoretical calculation Application Processing Administrative Memo 22 states a single-family home has a flow rate of 0.04 cfs and the permit lists 0.04 cfs. I am recommending the rate 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:

This is a domestic use. According to processing memo #22, and Domestic use for in-house and yard irrigation can have up to 1.2-acre feet of annual water use. I am recommending 1.2 af for this permit.

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock ☐ Domestic # of Homes ☐ 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Parcel Data and conversations with owner.

If Yes: From Use ☐ To Use ☐ Amount ☐ CFS ☐ AFA ☐

H. NARRATIVE/REMARKS/COMMENTS

This permit is qualifies for an in-house exam. The owner did not provide the horsepower of the pump they had. However, this is not necessarily due to standards set in Application Processing Administrative Memo 22. The close proximity to water right 83-10815, on the northern side of the road has no effect on the new right because the other is on a different property and water system. The place of use as listed in the permit map has an area of 1.1 acres. However according to Idaho code 42-111a, irrigation under domestic use can only be half an acre. As such the place of use on the map will be accommodated to fit this standard. All the conditions have been met, and it is reasonable to believe that the owners are using water for the uses listed on the permit. Therefore, I am recommending a diversion rate of 0.04 cfs and 1.2 af, which is the standard for domestic uses. The Tax data shows the home was built in 2009 and is present according to GIS data.

I am going to leave the conditions, X01, and 187 on the license, but I am going to remove conditions 004 and 046 since the source is groundwater and the well system is already complete.

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 Skyler Cheever, Water Rights Agent

Field Examiner's Name Skyler Date 9/8/2022

Reviewer Ph... Date 9/15/22

Field Exam Map:

The orange border shows the place of use, and the yellow point shows the point of diversion.

