

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

A. GENERAL INFORMATION

Exam Date: 3/5/2025

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. x Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. Other < >

2. Current Owner: Patrick & Rachel Sweeney
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No Explain:

3. Beneficial Use Fees have been paid: x Y N Receipt No: C119656.

4. Source: Tributary:
- GROUND WATER N/A

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data.

Change in Source: Y x N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: x No Overlap

Water Right No.	Source	Purpose of Use	Basis
63-3266	Ground Water	Municipal	Decreed
65-8215	Ground Water	Municipal	Decreed
65-12394	Ground Water	Municipal	License
65-11970	Ground Water	Municipal	License
65-12552	Ground Water	Municipal	License
65-31481	Ground Water	Municipal	License
63-31741	Ground Water	Municipal	License

Comments: The only overlap is with existing municipal rights held by the City of Kuna, which are unrelated to this permit holder's domestic system.

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water			NE	NW	26	02N	01E	B.M.	Ada

Method of Determination: GIS and Taxlot data.

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	
02N	01E	26					1.5												
		Lot #																	
																		Total Acres =	1.5

Place of 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	
02N	01E	26					X												
		Lot #																	

Method of Determination: GIS, Tax Parcel Data, and 2023 Ada County Aerial Imagery.

Change in POU? ___Y ___x___N Amendment Required? ___Y ___x___N

3. Diversion System Information:

Description:

___ Delivery System Diagram Attached. (mark all major components and distances between components)

x Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required).

x Aerial Photo Attached (required)

___ 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	N/A	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurement Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r.

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method: (acres irrigated) x (generic diversion rate) = (1.5 acres) x (0.03 cfs/acre)= 0.045 cfs, which rounds to 0.05 cfs.

0.04 cfs is standard for one home for domestic use per Application Processing Memo #22.

0.05 cfs (irrigation) + 0.04 cfs (domestic) = 0.09 cfs total.

Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.5 \text{ acres} \times 4.5 \text{ acre feet} = 6.8 \text{ acre feet.}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.05 \text{ cfs} \times 260 \times 1.9835 = 25.8 \text{ acre feet.}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6.8 \text{ acre feet.}$$

2. Volume Calculations for Other Uses:

Domestic: Application Processing Memo #22 gives a standard rate of 0.6 AF for domestic use when irrigation is separated.

Comments:

G. PURPOSE OF USE

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

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: GIS, Tax Parcel Data, 2023 Ada County Aerial Imagery, and the permit holders Statement of Completion for Proof of Beneficial Use.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office exam because it is for irrigation of 5 acres or less and it is also for domestic use for one home. The exam was conducted March 5, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Patrick and Rachel Sweeney. Current Ada County taxlot data represents the permit holders own the land appurtenant to the place of use (POU) and point of Diversion (POD). Proof of Beneficial use was submitted on December 18, 2024.

Ada County aerial imagery and Google Earth imagery verified domestic use on the property. The place of use for irrigation was described as 4.5 acres on the permit and 3 acres on the Statement of Completion of Beneficial Use. However, after further review using GIS data, the place of use was actually measured to be 1.5 acres. Thus, I am recommending 1.5 acres for the place of use, with a diversion rate of 0.05 cfs and an annual volume of 6.8 AF. For domestic use, I am recommending 0.04 CFS for the diversion rate and 0.6 AF for the volume, bringing the total diversion rate for this license to 0.09 CFS and the total volume to 7.4 AF.

All the conditions of this permit have been met. Conditions 046 and 26A can be dropped because the well has been completed and the permit holder has submitted their Statement of Completion of Beneficial Use. Condition 121 will be updated to condition 103 per the usage description. Condition WB5 will be changed to condition 132. All other conditions on the permit will be carried over to the license.

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>
Irrigation	03/01-11/15	0.05 CFS	6.8 AF
Domestic	01/01-12/31	0.04 CFS	0.6 AF
	<u>Totals:</u>	0.09 CFS	7.4 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 – Jared Klay

Field Examiner's Jared Klay Date 4/30/2025

Reviewer PHmm Date 5/2/25

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



Map showing the authorized point of diversion (yellow point) and place of use (yellow outline) for domestic.



2022 Ada County aerial imagery.



2024 Google Earth Imagery



