

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

A. GENERAL INFORMATION

Exam Date: 10/30/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.q)? x Y N
- a. x Irrigation of 5 acres or less
- b. Storage of up to 14.6 AF for stockwater purposes only
- c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. Other < >

2. Current Owner: Timothy & Angela Merrifield
- 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: C123321.

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
63-12448	Ground Water	Domestic	License
63-11413	Ground Water	Domestic	License
63-32089	Ground Water	Domestic	License

Comments: These are all municipal water rights owned by the City of Eagle.

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			NW	NE	34	05N	01W	B.M.	Ada

Method of Determination: GIS and Taxlot data.

Change in POD? Y x N Amendment Required? Y x N

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	
05N	01W	34		2.7															
		Lot #																	
Total Acres =																		2.7	

Method of Determination: GIS, Tax Parcel Data, and 2024 Ada County Aerial Imagery.

Change in POU? ☐ Y ☒ N Amendment Required? ☐ Y ☒ N

3. Diversion System Information:

Description:

☐ Delivery System Diagram Attached. (mark all major components and distances between components)☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required).☒ 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 Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: (acres irrigated) x (generic diversion rate) = (2.7 acres) x (0.02 cfs/acre) = 0.054 cfs, which rounds to 0.05 cfs.

Comments:

No measurement is required for an in-office examination per IDAPA Beneficial Use Examination Rules.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.7 \text{ acres} \times 4.5 \text{ acre feet} = 12.15 \text{ af, which rounds to 12.2 af.}$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 12.2 \text{ af.}$$

Comments:

G. PURPOSE OF USEIrrigation ☒ X ☐ Y ☐ N # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ 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 examination because it is for irrigation of less than 5 acres. The exam was conducted on October 30, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Timothy & Angela Merrifield. 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 September 30, 2025.

The permit holder was authorized to develop up to 4 acres of irrigation. After further review using google earth imagery, a map submitted by the permit holder, and speaking with the permit holders over the phone, the place of use was measured to be a total of 2.7 acres. When asked about the total irrigation, Timothy Merrifield referred me to the map they submitted with their proof, stating that the areas that appear un-irrigated on this picture do in fact have sprinklers installed and have been watered this year. Therefore, I am recommending the place of use for irrigation as 2.7 acres, with a diversion rate of 0.05 cfs and an annual volume of 12.2 af.

Although the irrigation is under 5 acres and technically qualifies for an allocation of 0.03 cfs/acre per the Beneficial Use Rules, this permit came about as a split from its parent right and was specifically conditioned (Code R65) with an allocation of 0.02 cfs/acre. Therefore, this rate was used to calculate the total diversion rate of 0.05 cfs.

All the conditions of this permit have been met. Condition 121 will be replaced with Condition 103 per the usage description. Conditions 26A and 046 will be dropped because all well drilling requirements have been complied with and the project construction has ended. Conditions 01M and R65 will be carried forward to the license.

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>
Irrigation	03/01-11/15	0.05 CFS	12.2 AF
<u>Totals:</u>		0.05 CFS	12.2 AF

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**J. AUTHENTICATION – Jared Klay**Field Examiner's Jared Klay Date 11/3/2025Reviewer Austin Shum Date 11/2/2026

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



Google Earth Imagery (dated 9/2024).



Map submitted by the permit holder

