

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

A. GENERAL INFORMATIONExam Date: 9/19/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.q)? X Y N
- X 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 < >

Comment: The permit authorized domestic use for one home and the irrigation of 5.2 acres. This would normally not qualify for an in-office examination because irrigation was for more than 5 acres. However, since the permit holder indicated on their Proof Statement and May 2025 Google Earth Aerial Imagery confirms they only developed 1.4 acres of irrigation and domestic use for one home an in-office exam is possible.

2. Current Owner: Derek and Kysa Cooper

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: C123021

4. Source: Groundwater Tributary: N/A

Method of Determination: GIS, Idaho Tax Parcel Data, Well Records, and the Permit Holders Statement of Completion for Proof of Beneficial Use (Proof Statement).

Change in Source: Y X N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Overlap ? Yes X No

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: No non-municipal water rights overlapping the permitted place of use (POU).

2. Other water rights with the same point of diversion: Overlap ? Yes X No

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: No water rights overlapping the permitted point of diversion (POD).

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			NW	NE	34	05N	01W	B.M.	Ada

Method of Determination: GIS, Idaho Tax Parcel Data, and Well Records.

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

2. Place of Use: Irrigation, 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	
05N	01W	34		1.4, D															1.4
		Lot #																	
Total Acres =																			1.4

Method of Determination: GIS, Idaho Tax Parcel Data, and May 2025 Google Earth Aerial Imagery.Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

 X Aerial Photo indicating the location of the recommended POD and POU. X Aerial Photo Attached (required)

3. Diversion Id 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
N/A						

2. Measurement Comments: No measurement is required for permits qualifying for an in-office examination according to the IDAPA Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: According to Administrative Application Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs/acre. According to Administrative Application Processing Memo #22 the standard diversion rate for domestic use of one home is 0.04 cfs. I am recommending a diversion rate of 0.04 cfs for domestic use and 0.04 cfs for irrigation or 0.08 cfs total.

(1.4 acres) * (0.03 cfs) = 0.042 or 0.04 cfs rounded

Administrative Application Processing Memo #17 Calculation = 0.04 cfs

Administrative Application Processing Memo #22 Standard = 0.04 cfs

Permit allowed = 0.14 cfs

Total Recommendation = 0.08 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1.4 \text{ acres}) \times (4.5 \text{ af/acre}) = 6.3 \text{ af}$$

I.R.

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.04 \text{ cfs}) \times (260 \text{ days}) \times (1.9835 \text{ af/day}) = 20.6 \text{ af}$$

D.R.

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 6.3 \text{ af}$$

2. Volume Calculations for Other Uses: The permit authorizes in-house domestic use. According to Administrative Application Processing Memo #22 the standard diversion volume for a single in-house domestic use is 0.6 af. I am recommending a diversion volume of 0.6 for domestic use and 6.3 af for irrigation or 6.9 af total.

G. PURPOSE OF USE

Irrigation X Y N # Stock N/A Domestic # of Homes 1 Change in Purpose of Use? Y X NMethod of Determination: GIS, Idaho Tax Parcel Data, May 2005 Google Earth Aerial Imagery, and the permit holders Proof Statement.

H. NARRATIVE/REMARKS/COMMENTS

This permit authorizes domestic use for one home and the irrigation of 5.2 acres. Because authorized irrigation was greater than 5 acres this permit would not normally qualify for an in-office examination. However, the permit holder confirmed on their Proof Statement only 1.4 acres of irrigation was developed. Therefore, an in-office examination is possible. May 2025 Google Earth Aerial Imagery confirmed 1.4 acres of irrigation and domestic use for one home was developed within the permitted POU. The visual property boundary and Idaho Tax Parcel boundary were inconsistent. The confirmed POU was based on the visual property boundary. Since this permit qualified for an in-office examination a diversion rate measurement is not required according to the IDAPA Beneficial Examination Rules. The standards set in Administrative Application Processing Memos # 17 and 22 aided in determining a recommended diversion rate and volume. All conditions on the permit were met and development of beneficial use was confirmed within authorization on the permit. Therefore I am recommending a diversion rate of 0.04 cfs for domestic use, 0.04 cfs for irrigation or 0.08 cfs total. In addition I am recommending a diversion volume of 0.6 af for in-house domestic use and 6.3 af for irrigation or 6.9 af total.

Conditions 01M, X59, and X60 should remain on the license. Condition R65 should be changed to R69 because confirmed irrigation is less than 5 acres. Condition X01 should be changed to 132 because the condition better fits the developed use because irrigation normally under domestic use is included with a separate irrigation use. Condition 121 should be changed to 103 as is the standard with licensing. Condition 26A should be removed as is the standard with licensing. Condition 046 should be removed because well records indicate the permit holder had a well drilled meeting the drilling perming requirements of Idaho Code §42-235 and applicable Well Construction rules of the Department.

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	0.04 CFS	6.3 AF
Domestic	01/01 – 12/31	0.04 CFS	0.6 AF
	Totals:	0.08 CFS	6.9 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

J. AUTHENTICATION

Field Examiner: Skyler Cheever – Water Resource Agent, Sr – State Office

Field Examiner's  Date 9/25/2025

Reviewer  Date 12/31/2025

Field Exam Map

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



May 2025 Google Earth Aerial Imagery



