

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

A. GENERAL INFORMATION

Exam Date: 2/27/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? ☒ Y ☐ N
- a. ☒ 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: Michelle & Frank Carlone
- Owner of Record Correct? ☒ X ☐ Y ☐ N
- Address of Record Correct? ☒ X ☐ Y ☐ N
- If No Explain:
3. Beneficial Use Fees have been paid: ☒ Y ☐ N Receipt No: C120040.
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
97-15487	Ground Water	Domestic	Claim

Comments: 97-15487 is an active adjudication claim with the same point of diversion and domestic place of use as this permit (96-15488). Condition 217 will be added to the license.

2. Other water rights with the same point of diversion:
- ☒
- X No Overlap

Water Right No.	Source	Purpose of Use	Basis
97-15487	Ground Water	Domestic	Claim

Comments: 97-15487 is an active adjudication claim with the same point of diversion and domestic place of use as this permit (96-15488). Condition 217 will be added to the license.

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water			SW	NW	25	56N	03W	B.M.	Bonner

Method of Determination: GIS and Taxlot data.

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

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	
56N	03W	25							X										
		Lot #																	

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	
56N	03W	25							1.0										
		Lot #																	
Total Acres =																			1.0

Method of Determination: GIS, Tax Parcel Data, and 2023 Bonner 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: 0.04 cfs is a standard rate for domestic use for one home per Application Processing Memo #22.

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:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \text{ acre} \times 3.0 \text{ acre feet} = 3 \text{ acre feet.}$$

I.R.

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \text{ cfs} \times 214 \times 1.9835 = 12.7 \text{ acre feet.}$$

D.R.

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 3 \text{ acre feet.}$$

2. Volume Calculations for Other Uses:

Domestic: 0.6 AF is standard for domestic use for one home when irrigation is separated, per Application Processing Memo #22.

G. PURPOSE OF USE

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

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: GIS, Tax Parcel Data, 2023 Bonner 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 less than 5 acres and also for domestic use for one home and the total diversion rate is less than 0.24 cfs. The exam was conducted on February 27, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Michelle & Frank Carlone. Current Bonner 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 January 27, 2025.

Bonner County aerial imagery verified domestic use on the permit holder's property. 2 acres were listed on the permit, but the permit holder confirmed on their statement of completion of beneficial use that they are only irrigating 1 acre. ArcMap tools and aerial imagery confirmed this. Therefore, I am recommending the place of use for irrigation as 1 acre, with a diversion rate of 0.03 cfs and an annual volume of 3.0 af. I am recommending a diversion rate of 0.04 cfs and an annual volume of 1.2 af for domestic use, per Application Processing Memo #22.

All the conditions of this permit have been met. Condition 046 can be dropped from the license because the statement of completion of beneficial use has been submitted and the well has been completed. Conditions X59 and X60 will be added to the license to further clarify the place of use. Condition 217 will be added to clarify an overlapping adjudication claim. All other conditions 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>
Domestic	01/01-12/31	0.04 CFS	0.6 AF
Irrigation	04/01-10/31	0.03 CFS	3.0 AF
<u>Totals:</u>		0.07 CFS	3.6 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 – Jared Klay

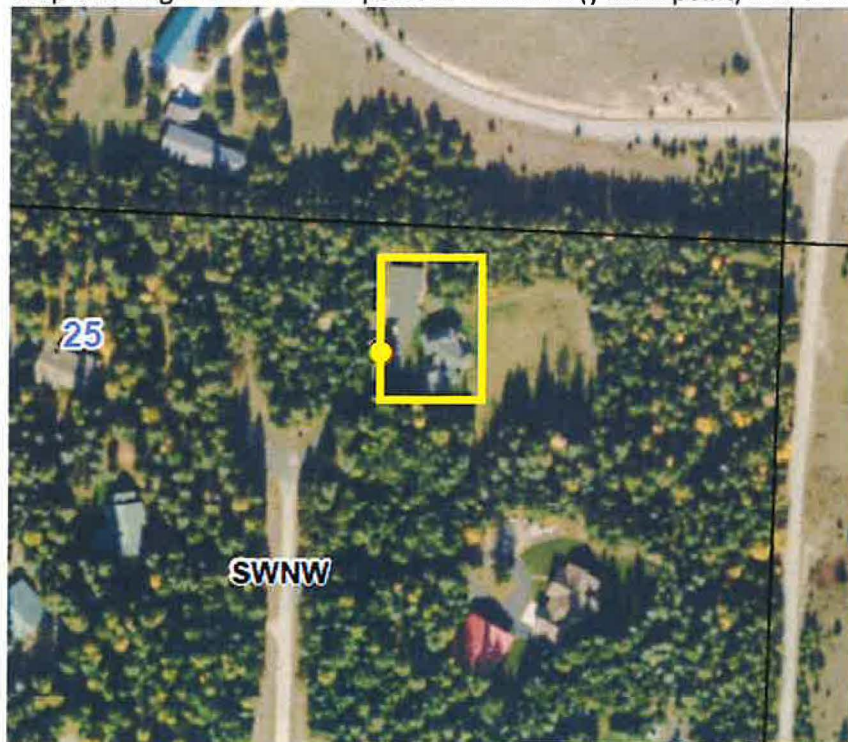
Field Examiner's Jared Klay Date 5-21-25

Reviewer Phumma Date 5/22/25

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 domestic place of use (yellow outline).



Bonner County Aerial Imagery

