

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

A. GENERAL INFORMATION

Exam Date: 8/19/2025

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: Shahane & Bryan Davidson
- 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: C122610.
4. Source: Ground Water Tributary: N/A

Method of Determination: GIS and tax parcel data.

Change in Source: ☐ Y ☒ N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
95-17206	Ground Water	Domestic	Decreed

Comments: The permit holder has a decreed water right for one of the two homes included on this permit and from a separate point of diversion.

2. Other water rights with the same point of diversion:
- ☒
- 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	SW	20	54N	02W	B.M.	Bonner

Method of Determination: GIS and Taxlot data.

Change in POD? ☐ Y ☒ N Amendment Required? ☐ Y ☒ 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	
54N	02W	20										X							
		Lot #																	

Place of Use: Stockwater

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
54N	02W	20										X							
		Lot #																	

Method of Determination: GIS and Taxlot data.

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:

Domestic: Application Processing Memo lists a standard diversion rate of 0.04 cfs for one home. Although this permit authorized domestic use for 2 homes with a diversion rate of 0.06 cfs, only one home is being licensed (see narrative for further details). Therefore, one home and a diversion rate of 0.04 cfs is being recommended for this license.

Stockwater: Application Processing Memo #3 lists a standard diversion rate of 0.02 cfs for 20 stock.

Total: 0.04 cfs (domestic) + 0.02 cfs (stockwater) = 0.06 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:

Domestic: Application Processing Memo #22 lists a standard annual volume of 1.2 af for domestic use for one home when ½ acre of irrigation is included.

Stockwater: Application Processing Memo #3 lists a standard annual volume of 0.4 af for 11-25 stock.

Total: 1.2 af (domestic) + 0.4 (stockwater) = 1.6 af.

G. PURPOSE OF USE

Irrigation Y x N # Stock 20 Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y x N

Method of Determination: GIS, Tax Parcel Data, 2025 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 domestic and stockwater use of less than 0.24 cfs. The exam was conducted on August 19, 2025, by Jared Klay. At the time of exam, ownership of the permit is in the name of Shahane & Bryan Davidson. 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 August 15, 2025.

Bonner County aerial imagery confirms domestic use on the property. I am recommending a diversion rate of 0.04 cfs and an annual volume of 1.2 af for domestic use. The permit holders provided photos that verified stockwater use. Therefore, I am recommending a diversion rate of 0.02 cfs and an annual volume of 0.4 af for stockwater.

This permit was filed with the intention of obtaining a water right for two homes on the same property. One of these homes is appurtenant to another water right (95-17206), which was decreed with a separate point of diversion. Although this permit (95-18529) was conditioned with code X35, limiting the two water rights to a combined limit, it was decided to only license this permit (95-18529) for the extra home and recommend to the permit holder that they file a transfer for 95-17206 to add an additional point of diversion to that water right.

All the conditions of this permit have been met. Condition 046 can be removed from the license because the permit holders have complied with all well drilling requirements. Condition X02 will be dropped from the license per the usage description. Condition X04 will be replaced with Condition X01 because only one home is being recommended. Condition X35 will be removed as explained in the previous paragraph. Condition 004 will be dropped because there are no property concerns. All other conditions on the permit will be carried over 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>
Domestic	01/01-12/31	0.04 CFS	1.2 AF
Stockwater	01/01-12/31	0.02 CFS	0.4 AF
<u>Totals:</u>		0.06 CFS	1.6 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

Other: < >

J. AUTHENTICATION – Jared Klay

Field Examiner's Jared Klay Date 8/19/25

Reviewer PK Date 9/18/25

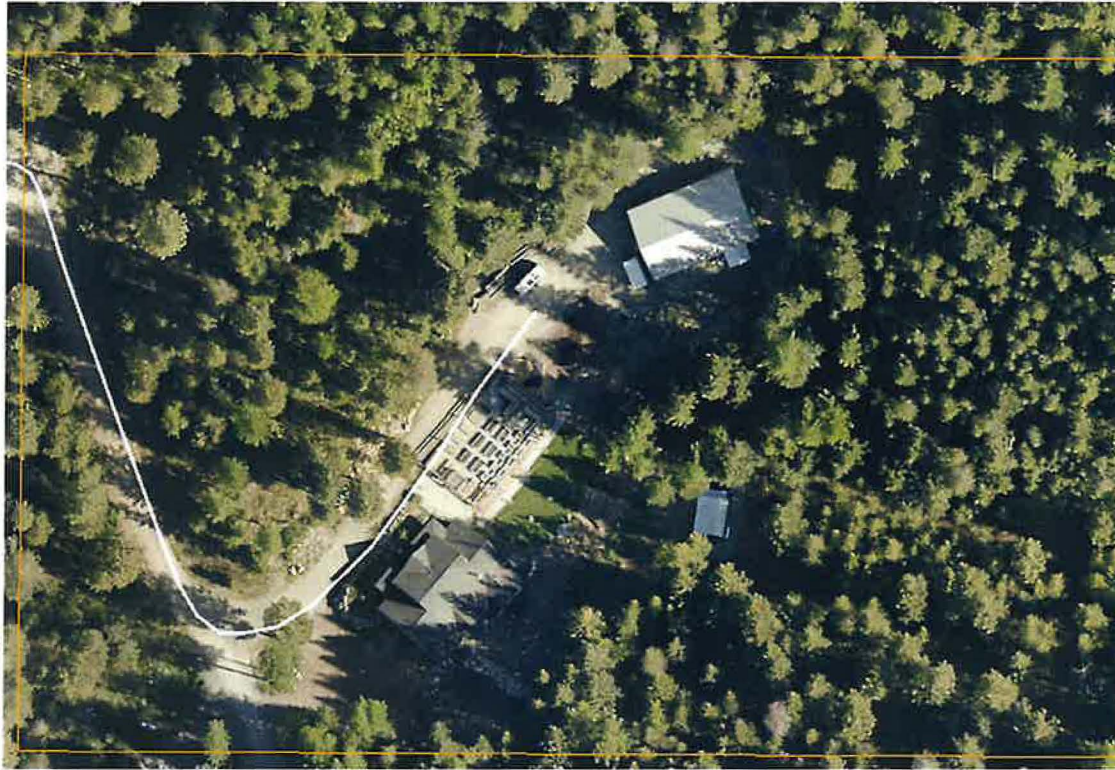
Map showing the authorized point of diversion (yellow point) and place of use (yellow outline) for domestic use.



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



2025 Bonner County Aerial Imagery



Photos provided by the permit holders



