

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

A. GENERAL INFORMATION

Exam Date: 7/31/2025

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

2. Current Owner: Aaron & Emily Sundholm

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No Explain:

3. Beneficial Use Fees have been paid: x Y N Receipt No: N045514.

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
95-4048	Spring	Domestic	Statutory Claim
95-14016	Ground Water	Domestic, Stockwater	Decreed

Comments: 95-4048 is appurtenant to another property. 95-14016 is held by the permit holders. The domestic portion of 95-14016 is for a separate house than the one authorized by this permit (95-18656). There is overlap of stockwater in the SWSW. However, because this permit authorizes two PODs and the decreed right (95-14016) only authorizes one, the place of use for stockwater for this permit will be recommended in the SWSW.

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

Water Right No.	Source	Purpose of Use	Basis
95-14016	Ground Water	Domestic, Stockwater	Decreed

Comments: 95-14016 is owned by the permit holders and is decreed for only one of the two PODs listed on this permit.

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	NW	29	50N	04W	B.M.	Kootenai
Ground Water			NW	NW	29	50N	04W	B.M.	Kootenai

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	
50N	04W	30	0.1																0.1
50N	04W	29						0.5											0.5
50N	04W	20											0.5						0.5
		Lot #																	
Total Acres =																			1.1

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	
50N	04W	29						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	
50N	04W	29						X											
50N	04W	20											X						
		Lot #																	

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

Change in POU? ☒X ☐Y ☐N Amendment Required? ☒X ☐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 37.03.02.035.01.q.

E. FLOW CALCULATIONS

___Additional Computation Sheets Attached

Measured Method: (acres irrigated) x (generic diversion rate) = (1.1 acres) x (0.03 cfs/acre) = 0.033 cfs, which rounds to 0.03 cfs.

0.02 cfs is standard for 25 stock per Application Processing Memo #3.

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

Total: 0.03 cfs (irrigation) + 0.02 cfs (stockwater) + 0.04 cfs (domestic) = 0.09 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.1 \text{ acres} \times 3.0 \text{ acre feet} = 3.3 \text{ acre feet.}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \text{ cfs} \times 260 \times 1.9835 = 15.47 \text{ acre feet.}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.3 \text{ acre feet.}$$

2. Volume Calculations for Other Uses:

Stockwater: Application Processing Memo #3 gives a standard volume of 0.4 AF for 11-25 stock.

Domestic: Application Processing Memo #22 lists a standard volume of 0.6 AF for domestic use for one home when irrigation is separated.

Total: 3.3 af (irrigation) + 0.4 af (stockwater) + 0.6 af (domestic) = 4.3 af.

G. PURPOSE OF USE

Irrigation ___x___Y___N # Stock___25___ Domestic # of Homes ___1___

Other: < >

Change in Purpose of Use? ___Y___x___N

Method of Determination: GIS, Tax Parcel Data, 2023 Kootenai 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 and stockwater use for less than 0.24 cfs. The exam was conducted on July 31, 2025, by Jared Klay. At the time of exam, ownership of the permit is in the name of Aaron & Emily Sundholm. Current Kootenai 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 July 14, 2025.

The permit holders were authorized to develop up to 2 acres of irrigation. After further review using Kootenai County imagery, photos and a map provided by the permit holder, and correspondence with the permit holder, the total irrigation was measured to be 1.1 acres. Thus, I am recommending 1.1 acres for the place of use for irrigation, with a diversion rate of 0.03 cfs and an annual volume of 3.3 af. These same tools were used to verify domestic and stockwater use. I am recommending a diversion rate of 0.02 cfs and an annual volume of 0.4 af for stockwater. I am also recommending a diversion rate of 0.04 cfs and an annual volume of 0.6 af for domestic use.

The permit holders have an overlapping decreed water right (95-14016) for domestic use and stockwater. The domestic portion of this right is appurtenant to a different house than the one authorized by this permit. Both rights reflect stockwater use in the SWSW. 95-14016 lists only one point of diversion, while this permit lists two. Additionally, the permit holders indicated on their Notice of Claim for 95-14016 that their stockwater use at that time included up to 6 head of stock, whereas the application for permit and statement of completion submitted for this permit (95-18656) make reference to up to 25 head of stock. This shows incremental use in stockwater, as the increased number of stock now qualifies the stockwater use for a higher annual volume of 0.4 af, as opposed to 0.2 af, which is what would be licensed for 6 head of stock, per Application Processing Memo #3. Based on correspondence with the permit holder regarding the nature and capacity of the diversion system, along with the permit holder's increased incremental use of water, it was determined that a combined use limit would not be added to this right.

All the conditions of this permit have been met. Condition 046 can be dropped because the well has been completed and the

permit holder has submitted their statement of completion of beneficial use. Condition X02 will be removed per the usage description. Condition 004 will be removed because there are no property concerns. Conditions R66 and 132 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	03/15-11/15	0.03 CFS	3.3 AF
Stockwater	01/01-12/31	0.02 CFS	0.4 AF
Domestic	01/01-12/31	0.04 CFS	0.6 AF
	<u>Totals:</u>	0.09 CFS	4.3 AF

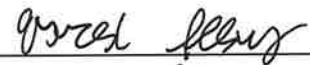
2. Recommended Amendments:

☐ 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

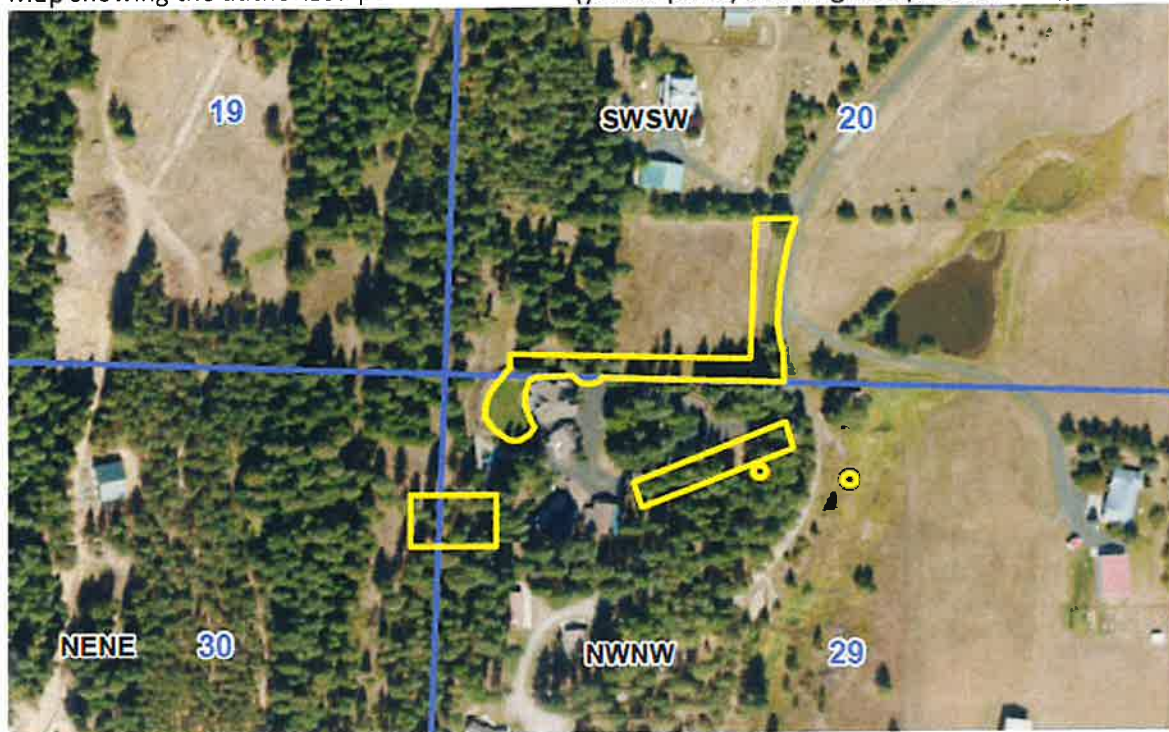
Other: < >

J. AUTHENTICATION – Jared Klay

Field Examiner's  Date 12/5/2025

Reviewer  Date 12/22/2025

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 stockwater.



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



Kootenai County aerial imagery.



Photos provided by the permit holders.





Map provided by the permit holder (blue indicates irrigation and green indicates stockwater use).

