

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

A. GENERAL INFORMATION

Exam Date: 6/10/2025

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: Scott & Cherrie Willerford

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: N044858

4. Source:

Tributary:

HAYDEN LAKE

SINKS

Method of Determination: Kootenai County Parcel Data, ArcMap GIS tools, Aerial Imagery, Taxlot Data, and permit holder's Statement of Completion for Beneficial Use.

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

Comments:

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
Hayden Lake			SW	NW	34	52N	03W		Kootenai

Method of Determination: GIS, Tax Parcel Data, and Aerial ImageryChange 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	
52N	03W	34							0.7										0.7
		Lot #							3										
Total Acres =																			0.7

Method of Determination: GIS, Tax Parcel Data, and 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:**E. FLOW CALCULATIONS**

___ Additional Computation Sheets Attached

Measured Method: Irrigation: (acres irrigated) x (generic diversion rate) = 0.7 acres x 0.03 cfs/acre = 0.021 → rounds 0.02 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:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.7 \text{ acres} \times 3 \text{ af / acre} = \underline{2.1 \text{ af}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 246 \text{ days} \times 1.9835 = \underline{9.8}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{2.1 \text{ af}}$$

2. Volume Calculations for Other Uses:

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

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination:

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. The exam was conducted on 6/10/2025 by Emma Channpraseut. At the time of the exam, ownership of the permit is in the name of Scott & Cherrie Willerford. Current Kootenai County parcel data identifies Scott and Cherrie Willerford as the owners of the land appurtenant to the Place of Use (POU). Proof of beneficial use was submitted on 7/29/24.

In the permit holder's Statement of Completion, they described their diverting works as a "water pump from dock through 1 ¼" pipe to 8 zoned sprinkler valves. Approximately 40 feet lift at highest point". The permit holder was authorized to develop 1.0 acres of irrigation for 0.03 cfs. After verifying the number of acres of irrigation by measuring the aerial imagery depicting the irrigation area developed under this permit, I am recommending the POU for irrigation as 0.7 acres with a diversion rate of 0.02 and a volume of 2.1-acre feet. These recommendations are based on standard diversion rates per acre and diversion volumes per acre in this area. The POU for irrigation was verified using aerial imagery from ArcMap, Google Earth, and Bonner County.

All conditions of this permit have been met. Permit holders confirmed through their Statement of Completion that they have installed a 1/16 x ¾ pump fish screen, condition 029 can be considered satisfied and can be dropped as per the condition usage description. All 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>
Irrigation	03/15 – 11/15	0.02 cfs	2.1 af
<u>Totals:</u>		0.02 cfs	2.1 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

Other: < >

J. AUTHENTICATION – Emma ChannpraseutField Examiner's Emma Channpraseut Date 10/6/25Reviewer David B. Batts Date 10-06-2025

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



Figure 1: ArcMap Place of Use (POU) (yellow outline) and Point of Diversion (POD) (yellow dot) Map



Figure 2: 2024 Kootenai County Aerial Imagery