

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

A. GENERAL INFORMATION

Exam Date: 5/14/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? 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: Treacy Carpenter & Dawn Brinker

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: C120998.

4. Source: Tributary:

LAKE PEND OREILLE PEND OREILLE RIVER

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

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
Lake Pend Oreille	4		SE	SW	35	57N	01E	B.M.	Bonner

Method of Determination: GIS and Taxlot data.

Change 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	
57N	01E	35												0.4					
		Lot #												L4					
Total Acres =																			0.4

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

Change in POU? ☐ Y ☒ N Amendment Required? ☐ 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.r.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: (acres irrigated) x (generic diversion rate) = (0.4 acres) x (0.03 cfs/acre) = 0.012 CFS, which rounds to 0.01 CFS.

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:

 $V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.4 \text{ acres} \times 3.0 \text{ acre feet} = 1.2 \text{ acre feet.}$

I.R.

 $V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.01 \text{ cfs} \times 214 \times 1.9835 = 4.2 \text{ acre feet.}$

D.R.

 $V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 1.2 \text{ acre feet.}$

I.R. D.R.

2. Volume Calculations for Other Uses:

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

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. The exam was conducted on May 14, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Trecy Carpenter and Dawn Brinker. Current Bonner County taxlot data represents the Brinker Carpenter Trust owns the land appurtenant to the place of use (POU) and Point of Diversion (POD). Proof of Beneficial Use was submitted on April 28, 2025.

The irrigation was described as 0.7 acres on the permit, but further review using Bonner County aerial imagery confirmed the total acreage to be 0.4 acres. During my review, I also determined that irrigation was only occurring in the SESW, Govt Lot 4. The recommended place of use includes an area that appears to be outside the permit holder's property, but further review shows that the property boundaries displayed by Bonner County are slightly skewed for this area. A map included with the application for permit seems to confirm this. Therefore, I am recommending the place of use for irrigation as 0.4 acres, with a diversion rate of 0.01 cfs and an annual volume of 1.2 af.

All the conditions of this permit have been met. Condition 004 can be dropped from the license because there are no property concerns. Condition 029 can be dropped because the Idaho Department of Fish and Game did not indicate the requirement of a fish screen. Condition X31 will be updated to reflect the adjusted diversion rate and volume. All other conditions 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	04/01-10/31	0.01 CFS	1.2 AF
<u>Totals:</u>		0.01 CFS	1.2 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**J. AUTHENTICATION – Jared Klay**Field Examiner's Jared Klay Date 5/15/2025Reviewer PH Date 9/10/25

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



Bonner County Aerial Imagery

