

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

A. GENERAL INFORMATION

Exam Date: 1/31/2025

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: Steven Shearer
- 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: C119877
4. Source: Lake Pend Oreille Tributary: Pend Oreille River

Method of Determination: GIS, taxlot data, and permit holder's Statement of Completion of 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
96-12097	Lake Pend Oreille	Domestic	Beneficial Use

Comments: 96-12097 is an adjudication claim filed by the permit holder on the same property but for domestic use.

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	2		SW	NE	33	57N	01W	B.M.	Bonner

Method of Determination: GIS and Taxlot data.

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

Comments: Source name updated from Pend Oreille Lake to Lake Pend Oreille per USGS data.

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	
57N	01W	33			0.1	0.1													
		Lot #			2	2													
Total Acres =																		0.2	

Method of Determination: GIS, taxlot data, and the permit holder's Statement of Completion of Beneficial Use.

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	2	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) = (0.2 acres) x (0.03 cfs/acre) = 0.006 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:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.2 \text{ acres} \times 3 \text{ acre feet} = 0.6 \text{ acre feet.}$$

I.R.

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.01 \times 213 \times 1.9835 = 4.2 \text{ acre feet.}$$

D.R.

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 0.6 \text{ acre feet.}$$

I.R. D.R.

2. Volume Calculations for Other Uses:

Comments:

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

Other: < >

Change in Purpose of Use? ☐ Y ☒ 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 of irrigation of 5 acres or less. The exam was conducted January 31, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Steven Shearer. Current Bonner County taxlot data represents the permit holder owns the land appurtenant to the place of use (POU) and point of Diversion (POD). Proof of Beneficial use was submitted on January 17, 2025.

The place of use was described as 0.5 acres on both the application and the permit. However, further review, using both a map provided by the applicant and GIS data, the place of use was actually measured to be 0.2 acres. Thus, I am recommending 0.2 acres for the place of use and 0.01 cfs for the diversion rate. I am also recommending an annual volume of 0.6 AF. The source name was updated from Pend Oreille Lake to Lake Pend Oreille to match current USGS data.

All the conditions of this permit have been met. Applicant confirmed that they have installed a fish screen on their intake so condition 029 can be considered satisfied and can be dropped as per the condition usage description. Condition X31 will be updated to reflect the recommended rate and associated volume with the confirmed acreage. 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? ☒ 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	01/01-12/31	0.01 CFS	0.6 AF
<u>Totals:</u>		0.01 CFS	0.6 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



Date

2-19-2025

Reviewer



Date

4/23/25

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



Bonner County aerial imagery.

