

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

A. GENERAL INFORMATIONExam Date: 11/22/2024

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: John S. Walbridge
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No Explain:
3. Beneficial Use Fees have been paid: X Y N Receipt No: N045083
4. Source: Pend Oreille River Tributary: Columbia River

Method of Determination: GIS, Tax Parcel Data, and the Permit Holders Statement of Completion for Proof of Beneficial Use.

Change in Source: Y X N

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
97-8052	Groundwater	Domestic	Claim

Comments: There is an active adjudication claim overlapping the permitted place of use. The current owners of the claim are different from the permit holder. Since the claim is for a different beneficial use and from a different source there is no reason to limit the claim and this permit when combined.

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

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: There are no other water rights diverting from the permitted point of diversion.

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Pend Oreille River	7		SW	NE	32	56N	04W	B.M.	Bonner

Method of Determination: GIS, Tax Parcel Data, and documentation provided with the permit holders Statement of Completion for Proof of Beneficial Use.

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	
56N	04W	32			0.3														0.3
		Lot #			7														
Total Acres =																			0.3

Method of Determination: GIS, Tax Parcel Data, and 2024 Bonner County Aerial Imagery.

Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

Description: According to the permit holder's description water is diverted from the Pend Oreille River with a 1 HP STA-RITE pump fed by a 60 ft 2 ¼ in pipe with a 1 ¼ foot valve. The permit holder also provided a photograph of the fish screen on the pump intake.

☐ Delivery System Diagram Attached. (mark all major components and distances between components)

☒ Aerial Photo indicating the location of the recommended POD and POU.

☒ 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
		1		STA-RITE	

*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						

2. Measurement Comments: The permit holder provided a pump horsepower of 1 and a lift of 22.5 ft was determined using Google Earth. Therefore, a diversion rate calculation is possible.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method: Since the permit holder provided a pump hp of 1 and a lift of 22.5 ft was determined using Google Earth a diversion rate calculation was possible. According to that calculation the system can handle, on average over three different pressures, 30-50 psi, 0.06 cfs. According to Administrative Application Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs/acre (0.3 acres) * (0.03 cfs/acre) = 0.009 cfs or 0.01 cfs rounded. The permit authorized 0.03 cfs. I am recommending a 0.01 cfs diversion rate.

Measurement = 0.06 cfs

Permit allowed = 0.03 cfs

B.U Limit = 0.01 cfs

Recommendation = **0.01 cfs**

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{See Comment}$
I.R.

$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \text{See Comment}$
D.R.

$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \text{See Comment}$

Comments: The permit authorizes diversion from a natural flowing stream/river. According to the IDAPA Beneficial Use Examination Rules 37.03.02.035.01j.viii if a permit authorizes irrigation diverting from a natural flowing stream/river or spring then a diversion volume is not required at licensing.

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock N/A Domestic # of Homes N/A

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: GIS, Tax Parcel Data, 2024 Bonner County Aerial Imagery, and the permit holders Statement of Completion for Proof of Beneficial Use.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. The permit authorized the irrigation of 1 acre diverting from the Pend Oreille River. According to 2024 Bonner County Aerial Imagery and photographs provided by the permit holder on their Proof Statement 0.3 acres of irrigation occurred within the authorized POU. The parcel, and permit POU, and visual property boundary do not match. The irrigated POU was determined using the visual property boundary. According to the permit holder the system consists of a 1 hp STA-RITE pump with a 60 ft 2 ¼ in screened intake pipe and 1 ¼ in foot valve connected to sprinklers irrigating the place of use. A condition on the permit requires the permit holder to install a fish screen meeting the fish screening and passage requirement of the Idaho Department of Fish and Game. The permit holder confirmed a fish screen meeting those requirements was installed on the pump intake. Since the permit holder provided a pump hp of 1 and a lift of 22 ft was determined using Google Earth a diversion rate calculation was possible. The standards set in Administrative Processing Memo #17 was used to make a diversion rate recommendation. Thus, I am recommending a diversion rate of 0.01 cfs for Irrigation purposes. Since this permit authorizes irrigation diverting from a natural flowing stream/river a diversion volume is not required at licensing according to the IDAPA Beneficial Use Examination Rules 37.03.02.035.01j.viii. All of the conditions have been met and development of beneficial use was confirmed within authorization on the permit.

Condition 004 should remain on the license. Condition 066 should be changed to X31 because conformed irrigation was less than 1 acre. Condition 029 should be removed because the permit holder confirmed a fish screen was installed meeting the fish screening and passage requirements of the Idaho Department of Fish and Game.

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>
Irrigation	04/01-10/31	0.01 CFS
<u>Totals:</u>		0.01 CFS

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

J. AUTHENTICATION

Field Examiner: **Skyler Cheever – Water Resource Agent, Sr**

Field Examiner's  Date 8/15/2025

Reviewer  Date 8/15/25

Field Exam Map

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



2024 Bonner County Aerial Imagery

Imagery indicated 0.3 acres of irrigation occurred within the authorized permit POU.

97-9829 2024 Bonner County

