

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

A. GENERAL INFORMATIONExam Date: 12/7/2023

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: Scott Ralph
Owner of Record Correct? N
Address of Record Correct? N
If No Explain: N/A
3. Beneficial Use Fees have been paid: X Y N Receipt No: C117397
4. Source: Tributary:
Pend Oreille River 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: X No Overlap

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

Comments: N/A

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

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

Comments: N/A

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			NW	SE	32	56N	04W	B.M.	Bonner
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel Data.Change in POD? Y X N Amendment Required? Y X N

2. Place of Use: Irrigation, 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	
56N	04W	32														0.4, S	X	S	0.4
		Lot #														6	5	5	
																Total Acres =			0.4

Method of Determination: GIS, Tax Parcel Data, photographs provided by the permit holder, and 2023 Bonner County Aerial Imagery.

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

 Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable:

X Aerial Photo Attached (required for irrigation of 10+ acres).

 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					

*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 did not provide pump horsepower. Therefore, a diversion rate calculation was not possible.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: Since the permit holder did not provide a pump horsepower a diversion rate calculation is not possible. According to Administrative Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs/acre, 0.4 acres * 0.03 cfs/acre = 0.012 cfs or 0.01 cfs rounded. According to the 1982 Annual Stockwater Use Table the standard diversion rate for 0-25 goats is 0.02 cfs. The permit authorizes 0.12 cfs total. I am recommending a 0.03 cfs total diversion rate.

F. VOLUME CALCULATIONS

2. Volume Calculations for Other Uses: According to the IDAPA Beneficial Use Examination Rules 37.03.02.35. 01j.viii if a permit authorizes diversion from a natural flowing stream/river or spring a diversion volume is not required at licensing. According to the 1982 Annual Stockwater Use Table the standard diversion volume for 2 goats is 0.1 af. I am recommending a 0.1 af stockwater diversion volume.

G. PURPOSE OF USE

Irrigation X Y N # Stock 2 Goats Domestic # of Homes N/A

Change in Purpose of Use? Y X N

Method of Determination: GIS, Tax Parcel Data, Photographs provided by the permit holder, and 2023 Bonner County Aerial Imagery.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. The permit authorizes stockwater and the irrigation of 3.4 acres. According to 2023 Bonner County Aerial Imagery and photographs provided by the permit holders 0.4 acres were irrigated during the development period. The legal description for the place of use is within Quarter/Quarters that are outside Government lots but are actually within the government lots because of changes in river levels. According to the permit holders Statement of Completion for Proof of Beneficial Use a fish screen was installed that meets the fish passage and screening requirements of the Idaho Department of Fish and Game.

Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. The standards set in Administrative Processing Memos #17 and 3 were used to make a diversion rate and volume recommendation. According to the IDAPA Beneficial Use Examination Rules 37.03.02.35. 01j.viii a diversion volume is not required if diversion is from a natural flowing stream/river or spring. All of the conditions have been met and it has been confirmed a beneficial use was developed within authorization on the permit. Therefore, I am recommending a 0.03 cfs diversion rate and 0.1 af stockwater diversion volume.

No conditions on the permit should move to the license. Condition R66 should be changed to X31 because irrigation was less than one acre. Condition 004 should be removed because it was confirmed there are no legal access concerns to the point of diversion or place of use. Condition 029 should be removed because a fish screen was installed meeting the fish passage and screening requirements of the Idaho Department of Fish and Game. Condition X02 should be removed as standard with licensing.

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	04/01-10/31	0.01 CFS	
Stockwater	01/01-12/30	0.02 CFS	0.1 AF
	<u>Totals:</u>	0.03 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

Field Examiner's  Date 12/7/2023

Reviewer  Date 2/7/24

Field Exam Map

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



2023 Bonner County Aerial Imagery

Imagery indicating 0.4 acres of irrigation likely occurred.

97-8748 Irrigation Map



12/7/2023

Road Centerlines

- Primary
- Secondary
- Local; Ramp

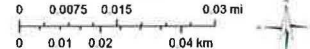
World Boundaries and Places

- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery

High Resolution 30cm Imagery

- Citations
- 30cm Resolution Metadata

1:1,102



Esri, HERE, Garmin, (c) OpenStreetMap