

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

A. GENERAL INFORMATIONExam Date: 8/20/2026

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.q)? X Y N
- X Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

Comment: N/A

2. Current Owner: Troy Davis

Owner of Record Correct? X Y N
Address of Record Correct? X Y N
If No Explain: N/A

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: C127719

4. Source: Tributary:
Priest River Pend Oreille River

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

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap ?
-
- Yes
- X
-
- No

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

Comments: There are no other Water Rights (WR) overlapping the permitted place of use (POU).

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

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

Comments: There are no other WR's overlapping the permitted point of diversion (POD).**C. DIVERSION AND DELIVERY SYSTEM**

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	Sec.	Twp.	Rge.		County
Priest River	2	SE	NW	20	57N	04W	B.M.	Bonner

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

2. Place of Use:

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	04W	20							0.3	3.1	0.1	0.1							3.6
		Lot #								2	3								
Total Acres =																			3.6

Method of Determination: GIS, Idaho Tax Parcel Data, 2026 Bonner County/NAIP Aerial Imagery, and a phone call with the permit holder on August 19th, 2026. According to GIS data a portion of the POU falls within the SENW Quarter/Quarter Government Lot 1 which is not part of the permitted POU would require an amendment. However, a review of the original Gov lot survey confirmed this portion of the POU is within the SENW Gov lot 2. Therefore, an amendment is not required.

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

3. Diversion System Information

Description: N/A Delivery System Diagram Attached. (mark all major components and distances between components) X Aerial Photo indicating the location of the recommended POD and POU (required). X Additional Aerial Photography. Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*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

2. Measurement Comments: No measurement is required for permits qualifying for an in-office examination according to the IDAPA Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: 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. However, the calculated diversion rate is greater than the total diversion rate on the permit, 0.09 cfs. I am recommending a 0.09 cfs diversion rate.

(3.6 acres of confirmed irrigation) * (0.03 cfs/acre) = 0.108 or 0.11 cfs rounded.

Administrative Application Processing Memo #17 Calculation = 0.11 cfs

Permit allowed = 0.09 cfs

Total Recommendation = 0.09 cfsComments: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: N/A

Comments: The permit authorizes irrigation diverting from a natural flowing river. If a permit authorizes irrigation diverting from a natural flowing stream/river or spring a recorded diversion volume is not required at licensing according to the IDAPA Beneficial Use Examination Rules 37.03.02.035.01h.i.viii.

G. PURPOSE OF USEIrrigation X Y N # Stock N/A Domestic # of Homes N/AChange in Purpose of Use? Y X N

Method of Determination: GIS, Idaho Tax Parcel Data, 2026 Bonner County/NAIP Aerial Imagery, a phone conversation with the permit holder on August 19th, 2026, and the permit holders Proof Statement.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office licensing examination. The permit authorized the irrigation of 3.6 acres diverting from the Priest River. After reviewing aerial imagery, it seemed likely irrigation was occurring north and beyond the permitted POU GIS shapefile, but still within the permit holders property according to Idaho Tax Parcel Data. After a phone conversation with the permit holder on August 19th, 2026, they confirmed the areas identified in aerial imagery were irrigated under this permit. 2026 Bonner County and NAIP Aerial Imagery confirmed the irrigation of 3.6 acres within the development period. GIS data seemed to indicate a portion of the confirmed POU is within the SENW Quarter/Quarter Gov lot 1. This legal description is not part of the permitted POU and would require an amendment. However, after reviewing the official survey I confirmed this portion is included in the SENW Gov Lot 2. Therefore, an amendment would not be required for licensing.

Two conditions on the permit requires the permit holder to install a fish screen with a perforation size of ¼ in or smaller and approach velocity of 0.5 fps at the diversion intake. The permit holder confirmed the installation of a fish screen meeting condition specifications. The standards set in Administrative Application Processing Memo #17 were utilized to make a diversion rate recommendation. The calculated diversion rate was greater than the total permitted diversion rate, 0.09 cfs. Therefore, I am recommending the total permitted diversion rate. Since the permit authorizes irrigation diverting from a naturally flowing stream a recorded diversion volume is not required at licensing according to the IDAPA Beneficial Use Examination Rules 37.03.02.035.01h.i.viii. All conditions of permit approval have been met, and development of beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a 0.09 cfs diversion rate.

Conditions X15, X16, R66, 227, and 004 should remain on 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>
Irrigation	04/01 – 10/31	0.09 CFS
	<u>Totals:</u>	<u>0.09 CFS</u>

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**Field Examiner: **Skyler Cheever – Water Resource Agent, Sr – State Office**Field Examiner's  Date 8/20/2026Reviewer  Date 9/9/26

Field Exam Map

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



2026 Bonner County Aerial Imagery

97-8755



1:4,495

Road Centerlines
Local; Ramp
Parcels

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

High Resolution 30cm Imagery
Citations

