

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

A. GENERAL INFORMATIONPermit No: 67-15291

Exam Date: 02/26/2025

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X 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: Name: Creed and Mary Noah

Owner of Record Correct? X Y ___ NAddress of Record Correct? X Y ___ N

If No: Address

3. Beneficial Use Fees have been paid: X Y ___ N Receipt No: C1168594. SOURCE TRIBUTARY

Ground Water

N/A

Method of Determination: GIS and Parcel Data

Change in Source: ___ Y ___ X ___ N

B. OVERLAP REVIEW1. Other water rights with the same place of use: Yes Overlap

Water Right No.	Source	Purpose of Use	Basis
67-14904	West Pine Creek	Irrigation	Decreed
67-14906	West Pine Creek	Irrigation	Decreed
67-14908	West Pine Creek	Irrigation	Decreed

Comments:

The permit place of use (POU) is overlapped by 3 water rights, all of which are irrigation rights. Water rights 67-14904, 67-14906, and 67-14908 encompass a field within the POU of the permit, but not the entirety of the POU itself.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: There are no POD overlaps.**C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water			NE	SE	31	15N	03W	B.M.	Washington

Method of Determination: GIS and Parcel data.Change in POD? X ___ N Amendment Required? X ___ N

2. **PLACE OF USE:** Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Total s
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15N	03W	31													3.2				3.2
Total Acres =																			3.2

Method of Determination: GIS and aerial imageryChange in POU? X N Amendment Required? X N

____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

 x Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

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

____ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
PUMP		3		Berkley Intellilet	

D. FLOW MEASUREMENTS

1.Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: No measurement is required for an in-house exam, but Applications Processing memo #17 was used to determine an acceptable rate.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

The pump was described as a 3 horsepower Berkley Intellilet pump capable of pumping 30 gallons per minute. Processing memo #17 states that a rate of 0.03 cfs per acre is acceptable for irrigation applications under 5 acres. I am recommending a total diversion rate of 0.10 cfs for supplying the needs of 3.2 acres of irrigation per the calculation below.

$$0.03 \text{ cfs/acre} \times 3.2 \text{ acres} = 0.096 \text{ cfs} = 0.10 \text{ cfs rounded up}$$

Permitted Rate = 0.10 cfs**B.U Limit = 0.10 cfs****Recommended Rate = 0.10 cfs****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{3.2 \text{ acres irrigated} \times 4 \text{ afa} = 12.8 \text{ afa}}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{0.03 \text{ cfs} \times 230 \text{ days} \times 1.9835 = 13.68 \text{ afa}}$$

V = Smaller of V_{IR} and V_{DR} = 12.8 afa

2. Volume Calculations for Other Uses:

N/A

G. PURPOSE OF USE

Irrigation X Y N # Stock Domestic # of Homes 0

Change in Purpose of Use? Y X N

Method of Determination: Aerial imagery, Arcmap GIS tools, and documentation from owner.

H. NARRATIVE/REMARKS/COMMENTS

Permit 67-15291 qualifies for an in-office examination because the permitted rate is less than 0.24 cfs, the irrigation component is less than 5 acres, and there is no storage component. Proof of beneficial use was received on August 9th, 2023 and the in office exam was performed on February, 26th 2025.

The information for the current permit holder matches the information on the statement of completion provided to the Department. No pictures of the diversion works were provided.

The permit holder described the delivery system as a "3hp 30gpm Berkley Intellilet – pressurized irrigation system". No delivery system diagram was provided. Irrigation under this permit encompasses 3.2 acres of land on a parcel under the ownership of Creed Noah. Per guidance from application processing memo #17, a diversion rate of 0.03 cfs per acre is acceptable for up to 5 acres of irrigation. The Beneficial Use Rules stipulates that irrigation from groundwater must have an annual volume limitation. The shape of the irrigation component place of use was made with reference to the field, lawn behind the house, and trees therein. I am recommending a diversion rate of 0.10 cfs and a volume of 12.8 acre feet annually.

Conditions R60, 943, and 121 will be replaced with condition 103. Condition WB7 will be altered to have a limitation of 12.8 afa instead of 14. Conditions 046 and 26A will be removed.

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	03/15 to 10/31	0.10 CFS	12.8 afa
	Totals:	0.10 CFS	12.8 afa

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

Other: < >

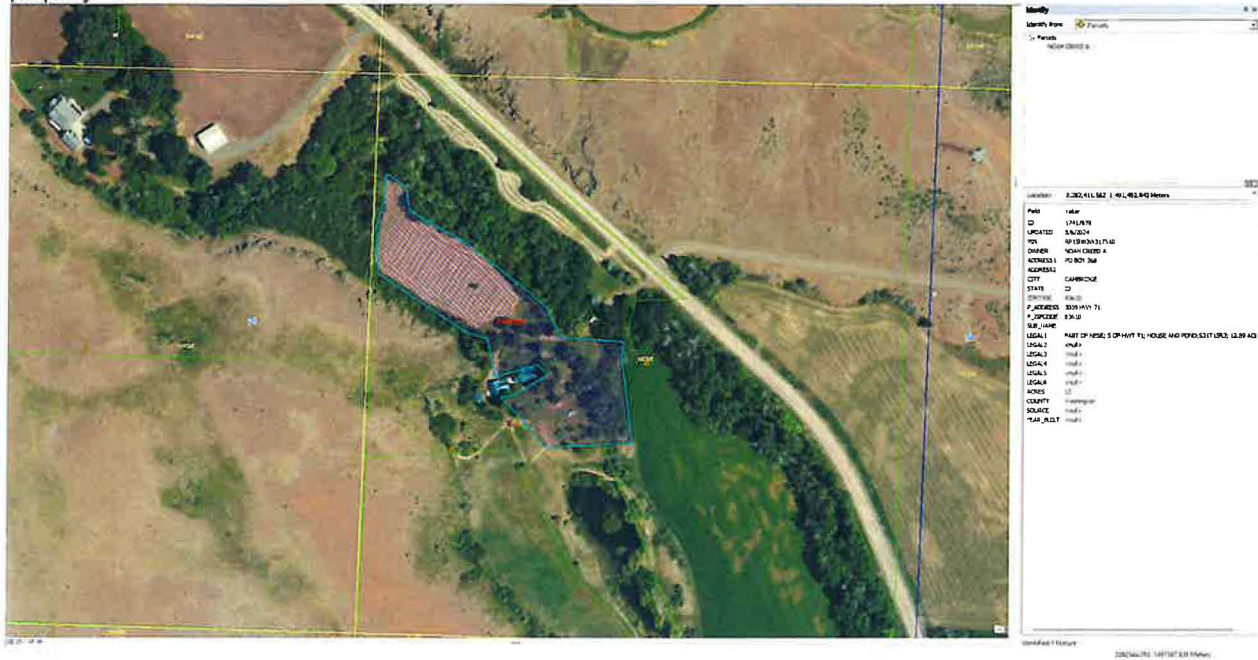
J. AUTHENTICATION- Water Resources Agent- Jacob Caraig

Water Resources Agent's Name _____ Date _____

Reviewer [Signature] Date 1/8/2026

Supporting Imagery –

1. The ArcGIS view below shows parcel information for the places of use of the water right proving the lack of property concerns.



2. Arcmap measurement of irrigated area, POU outlined blue, POD demarcated with blue dot.

