

3. Diversion System Information

Description: According to a diversion system diagram and pictures provided by the permit holder with their Proof Statement water is diverted from the well to a frost-free hydrant. From the frost-free hydrant water is transferred through main lines to drip systems for trees/garden and sprinklers throughout the property.

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

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

☐ 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
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: 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: Diagrams provided by the permit holder and 2025 NAIP Aerial Imagery development of 1.7 acres of irrigation and in house domestic use for one home was confirmed within the development period. 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. According to Administrative Application Processing Memo #22 the standard diversion rate for a single domestic use is 0.04 cfs. I am recommending a 0.09 cfs total diversion rate.

$(1.7 \text{ acres of confirmed irrigation}) * (0.03 \text{ cfs/acre}) = 0.051 \text{ or } 0.05 \text{ cfs rounded}$

Administrative Application Processing Memo #17 Calculation = 0.05 cfs

Administrative Application Processing Memo #22 Calculation = 0.04 cfs

Permit allowed = 0.16 cfs

Total Recommendation = 0.09 cfs

Comments: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1.7 \text{ acres}) * (3.5 \text{ af/acre}) = 5.95 \text{ or } 6.0 \text{ af rounded}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.05 \text{ cfs}) * (214 \text{ days}) * (1.9835 \text{ af/day}) = 21.2 \text{ af}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6.0 \text{ af}$

2. Volume Calculations for Other Uses: Irrigation normally included with domestic use is part of a separate irrigation portion. According to Administrative Application Processing Memo #22 the standard diversion volume for internal domestic use for 1 home is 0.6 af. I am recommending a 6.6 af total diversion volume.

Administrative Application Processing Memo #22 Standard = 0.6 af

Irrigation Diversion Volume Calculation = 6.0 af

Total Recommendation = 6.6 af

Comments: N/A

G. PURPOSE OF USEIrrigation ☒ Y ☐ N # Stock N/A Domestic # of Homes 1 (internal)Change in Purpose of Use? ☐ Y ☒ NMethod of Determination: GIS, Idaho Tax Parcel Data, 2025 NAIP Aerial Imagery, and the permit holders Proof Statement.**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-office licensing examination. The permit authorized internal domestic use for one home and the irrigation of 4 acres diverting from groundwater. Idaho Tax Parcel Data indicated the property was developed in 2020. The permit holder provided a detailed description of the diversion system and irrigation development with their Proof Statement. A portion of the proposed development, marked as zone 7 on one of the provided maps was not included as recommended acres of irrigation. This is because the permit holder indicated in a description provided for the zone no irrigation was developed and use would occur with future development. Only actual development during the permit development period can be recommended for licensing. The recommended POU and total recommended acres was adjusted from what the permit holder indicated based on the diversion system diagram and 2025 NAIP Aerial Imagery. 2025 NAIP Aerial Imagery and photographs/diagrams provided by the permit holder confirmed 1.7 acres of irrigation and internal domestic use for 1 home was developed within the development period.

No other WR's overlap the permitted POD or POU. According to a diversion system diagram and pictures provided by the permit holder with their Proof Statement water is diverted from the well to a frost-free hydrant. From the frost-free hydrant water is transported through main lines to drip systems for trees/garden and sprinklers throughout the property. A condition on the permit requires the permit holder to install a lockable device granting the watermaster suitable control of diversion. The permit holder confirmed on their Proof Statement a lockable device was installed. The standards set in Administrative Application Processing Memo #22 and #17 were utilized to make a diversion rate and volume recommendation. 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 and 6.6 af diversion volume.

Conditions 132, X60, 196, 197, 198, and R67 should remain on the license. Condition R05 should be added to the license because the permit is within and administered by Water District 75A. Condition 01H should be changed to R02 as is standard with licensing. Condition 046 should be removed because the permit holder had a well drilled meeting the drilling permit requirements of Section §42-235, Idaho Code and applicable Well Construction Rules of the Department.

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	04/01 – 10/31	0.05 CFS	6.0 AF
Domestic	01/01 – 12/31	0.04 CFS	0.6 AF
	Totals:	0.04 CFS	6.6 AF

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

8/16/2026

Reviewer



Date

8/16/2026

Field Exam Map

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



