

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-23671

Exam Date: 08/20/2025

1. Current Owner:

STEVE SWEENEY 77 SCHOOLHOUSE GULCH RD GARDEN VALLEY ID 83622-1043 AND
ROSEMARY SWEENEY 77 SCHOOLHOUSE GULCH RD GARDEN VALLEY ID 83622-1043

2. Accompanied by: Steve and Paul Sweeney

Phone No: (208) 602-3275

Address: 77 Schoolhouse Gulch Rd. Garden Valley, ID

Relationship to permit Holder: Owner and Son

3. **SOURCE:**

SOUTH FORK PAYETTE RIVER

Tributary

PAYETTE RIVER

Method of Determination: In-person field exam, Proof of Beneficial Use**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:

YES Overlap

Water Right No.	Source	Purpose of Use	Basis
65-13399	Payette River	Irrigation	License

Comments: WR 65-13399 is owned by Charter Ranch LLC and describes a place of use of 200 acres, including the 40-acre quarter of SESE L1 09N 04E Sec. 27. It was determined during the field exam that the system developed under permit 65-23671 is the sole system which delivers irrigation water to the place of use authorized under this permit.

2. Other water rights with the same point-of-diversion:

NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: No other permits or licenses overlap the point of diversion used for WR 65-23671.

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SOUTH FORK PAYETTE RIVER L1 (SE $\frac{1}{4}$ SE $\frac{1}{4}$), Sec. 27, Twp 09N, Rge 04E, B.M. BOISE County
44.07873 -115.96197

Method of Determination: In-person field exam, OnX GPS

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09N	04E	27																24 L1	24

Total Acres: 24

Method of Determination: In-person field exam, ArcGIS 2023 aerial imagery

2

3.

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

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

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

☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
South Fork Payette Point of Diversion	Baldor Reliance	10	37E285X47	Unknown	Unknown

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
McCrometer	Electromagnetic Flow Meter	Dura Mag	DM04-0558	DM21-0558	N/A	N/A

2. Measurements: An electromagnetic flow meter has been installed to the system and always measures the flow. During the exam, the largest irrigation zone was turned on, and the flow meter read 217 GPM.

E. FLOW CALCULATIONS

Flow measurement collected directly from McCrometer flow meter:

$$217\text{GPM} \times 0.00223 = 0.48 \text{ CFS}$$

Per AP Memo 17:

$$0.02 \text{ cfs} \times 24 \text{ acres} = 0.48 \text{ CFS}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 24 \text{ acres} \times 3.5 \text{ AFA} = 84 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.48 \text{ CFS} \times 230 \text{ days} \times 1.9835 = 219 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 84 \text{ AFA}$$

G. NARRATIVE/REMARKS/COMMENTS

An application for permit to irrigate 39.5 acres from the South Fork Payette River was received by the Department on August 31, 2016, and later approved on November 8, 2016. After the permit was granted an extension of time, Proof of Beneficial Use is due on November 1, 2026. Proof was submitted to the Department on July 25, 2025. I conducted a field exam on August 20, 2025, accompanied by owner Steve Sweeney and his son Paul Sweeney.

The point of diversion is a 10hp Baldor Reliance pump motor that pulls directly from the South Fork Payette River. A McCrometer Dura Mag flow meter was installed at the pump per permit condition 01J. At the time of the field exam, the flow meter was reading 217 GPM, or 0.48cfs, while the system ran the largest irrigation zone within the system (figure 5). The diversion rate as developed was 0.48 cfs to irrigate 24 acres, which is consistent with the irrigated area that I found during the field exam. At the time of the field exam, the owner had been irrigating a Simplot grass seed mix for stock, as well as two areas designated to cultivate douglas fir. The owner of this permit intends to expand their douglas fir farm and will be applying for additional acreage when he wishes to pursue this. A domestic well is located on the property, supplying water to the single domestic household. Half an acre of landscaping surrounding the household is not included within the place of use for irrigation for this right, as it is considered domestic irrigation under 42-111a. A greenhouse and vegetable garden are located within this half-acre, and do not appear to cause the total domestic use to exceed 13,000 gallons per day.

I recommend this permit is licensed with a diversion rate of 0.48 cfs and annual volume of 84 AF for a 24-acre place of use. Condition 121 was replaced with 103 per department standard. Conditions R63 and 26A were removed as they are no longer necessary. Condition 01J was replaced with R43, providing flow measurements and suitable control of the diversion for the watermaster.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Volume</u>
IRRIGATION	03/15 to 10/31	0.48 CFS	84 AFA
<u>Totals:</u>		0.48 CFS	84 AFA

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

I. AUTHENTICATION

Kate Englund - Water Resource Agent

Field Examiner's Name Kate Englund Date August 21, 2025

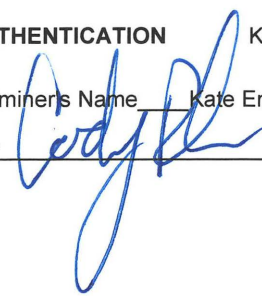
Reviewer  Date 12-15-2025



Figure 1 System diagram including point of diversion, irrigated place of use as confirmed by an in-person field exam, and the 4" mainline diameter locations.



Figure 2 Aerial image of the irrigated area, derived from google earth 2023 imagery.



Figure 3 Point of diversion for right 65-23671 for irrigation from South Fork Payette River.

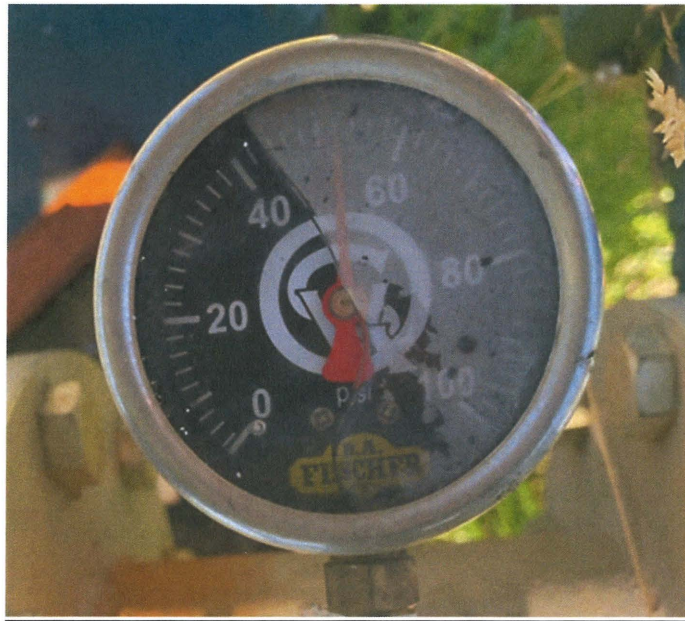


Figure 4 Pressure gage associated with the point of diversion, showing a pressure of 52PSI at the time of the field exam.



Figure 5 McCrometer Dura Mag flow meter installed to 65-23671 point of diversion.

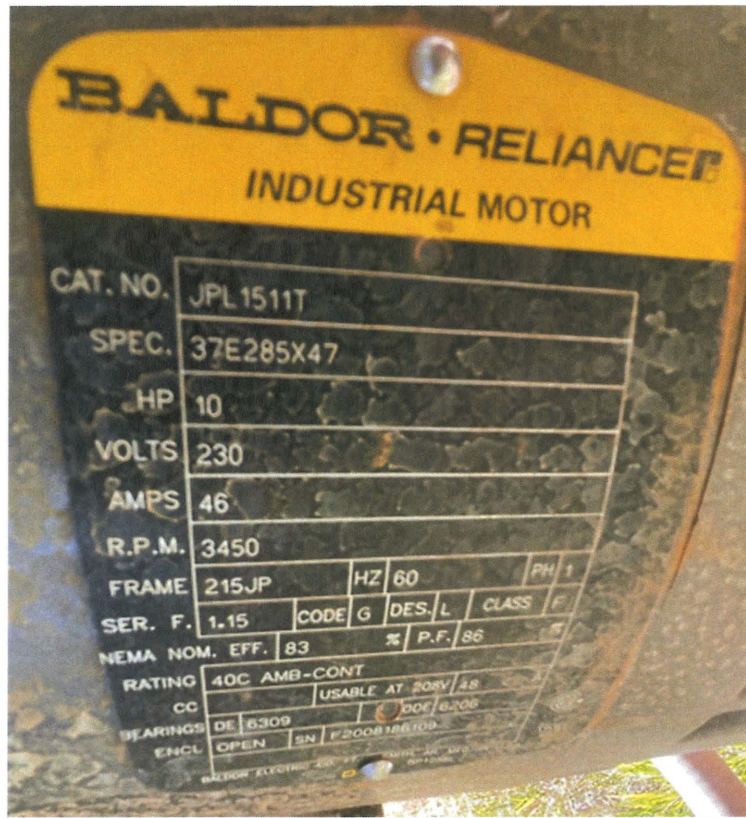


Figure 6 Baldor Reliance 10HP industrial motor associated with 65-23671 point of diversion.



Figure 7 West facing photo of 4" mainline delivering water to west side of place of use.



Figure 8 Southwestern most place of use section, irrigating douglas firs. Photo was taken facing Southeast, from the point of diversion.



Figure 9 East facing photo of 4" mainline delivering water to east side of place of use.



Figure 10 Northeast facing photo of irrigated place of use. Photo taken from driveway in the center of the property.



Figure 11 Northwest facing photo of irrigated place of use. Photo taken from driveway in the center of the property.



Figure 12 East facing photo of irrigated place of use.



Figure 13 Northwest facing photo of irrigated place of use.



Figure 14 West facing photo of irrigated place of use.



Figure 15 North facing photo of irrigated place of use.