

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-24034
Exam Date: 06/13/2022

1. Current Owner:
HOLTZINGER REVOCABLE LIVING TRUST 2575 BENNETT RIDGE RD SANTA ROSA CA 95404-9524
2. Accompanied by: Kevin Holtzinger
Phone No: 702-481-9386
Address: 2575 Bennett Ridge Rd Santa Rosa CA 95404
Relationship to permit Holder: Permit holder

3. **SOURCE:**
MIDDLE FORK PAYETTE RIVER
- Tributary**
PAYETTE RIVER

Method of Determination: Aerial photography and site visit

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
65-24278	Middle Fork Payette	Irrigation	Decree
65-22477	Gooseberry Creek	Irrigation	Decree
65-24035	Anderson Creek	Irrigation	Decree

Comments:

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

Water Right No.	Source	Purpose of Use	Basis
65-23994	Middle Fork Payette River	Irrigation	License
65-23021	Middle Fork Payette River	Irrigation	Decree

Comments: This field exam was done in conjunction with 65-23994.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
MIDDLE FORK PAYETTE RIVER SW¼ NE¼, Sec. 15, Twp 09N, Rge 04E, B.M. BOISE County

Method of Determination: GPS at 44° 6' 55"N, 115° 57'58"W

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	15			5.0														5.0

Total Acres: 5.0

Method of Determination: Field photos and aerial photography used to verify irrigation use site.

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: None taken**E. FLOW CALCULATIONS**N/A Additional Computation Sheets Attached

Measured Method: Following IDAPA Beneficial Use Exam Rules 35.01.(r). no measurement was taken.

Standard Rate Irrigation 0.10 cfs

Permitted Total Rate 0.07 cfs

License Recommendation Total Rate 0.07 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: No volume on surface water per IDAPA Beneficial Use Exam Rules 35.01. (j). viii

2. Volume Calculations for Other Uses: **N/A**

G. NARRATIVE/REMARKS/COMMENTS

The field exam was conducted on 06/13/22 by Water Right Agent, Marcelina Williams and was accompanied by Mr. Kevin Holtzinger during the field exam. Mr. Holtzinger is the property owner and permit holder. The permit was issued on December 31, 2020, and proof of beneficial use was submitted on December 06, 2021.

The point of diversion (POD) location was confirmed in the SWNE QQ of Sec 15, T09N, R04E. An 8-inch pipe is used to divert water from the Middle Fork of the Payette River to the pump house. This main line crosses under the road and extends to the end of the east side of the property and then runs north to south connecting the Rainbird landscaping irrigation system. Water right overlap review indicates POD overlap with WR 65-23021 and 65-23994.

The permit authorizes 0.07 cfs and 5.3 acres for irrigation use within SWNE QQ of Sec 15, T09N, R04E. Irrigation of 5.0 acres was developed, leaving .3 acres irrigated but, on a system that is attached to domestic use. ArcMap tools and aerial imagery, supported by photos taken during the field exam, were used to verify the 5.0 acres of irrigation in the POU area. Although the permit authorized 5.3 total acres, the license recommendation for the POU is 5.0 acres. No amendment required to correct the legal description of the POU.

The make and model of the pump and motor were unknown to the owner as he was not the one who developed the system and thus not used to calculate a theoretical rate. Following IDAPA Beneficial Use Exam Rules 35.01.(r). No theoretical rate needs to be calculated and the department standard 0.02 cfs per acre will be used for calculation. The total recommended licensed flow rate for irrigation use would be 0.10 cfs but due to the permit only having 0.07 cfs as the allowable rate, 0.07 cfs will be recommended.

Several overlapping water rights were found to intersect the POU area. Water right 65-24035, 65-24277, and 63-24278 all with a beneficial use of irrigation.

Condition 103 replaced condition 121 per department standards. Four X35 conditions were added to describe overlapping combined limits. Condition 01J was updated to R43. Conditions R05, 185, and R63 were carried forward to the license.

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>Annual Volume</u>
IRRIGATION	03/15 to 10/31	0.07 CFS	

Totals: 0.07 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

I. AUTHENTICATION Marcelina Williams -

Field Examiner's Name Marcelina Williams Date 12/12/23

Reviewer [Signature] Date 12/14/23

MEMORANDUM

December 12, 2023

Water Right: 65-24034

Author: SStorms

Subject: Water Right Overlap and Combined Limits

- 65-24035 is for 6.5 acres and fully overlaps. It is also for more than 0.02 cfs/ac, so the R63 condition already limits the combination down to 0.02/ac, so no rate limit is needed, just acres. Since the 5 acres being licensed fully overlaps these 6.5 acres, combined limit between the two is 6.5 acres:
 1. Rights 65-24034 and 65-24035 when combined shall not exceed the irrigation of 6.5 acres.
- 65-24277 is for 3.7 acres at a full 0.02 cfs/ac. It overlaps 65-24034 by 2 acres. Therefore, the acre limit is the 3.7 ac of 65-24277 + the 5 acres of 65-24034 – the 2 acres of overlap = $(3.7 + 5) - 2 = 6.7$ acres. Since the 3.7 acres of 65-24277 is at a full 0.02 cfs/acre, only the non-overlapping 3 acres of 65-24034 is limited to the 0.014 cfs/ac of that right, or $0.014 \text{ cfs/ac} \times 3 \text{ ac} = 0.04$. Therefore, the rate limit is the full rate for the 3.7 acres of 0.07 cfs + the 0.04 for the non-overlapping 3 acres = 0.11 cfs:
 2. Rights 65-24034 and 65-24277 when combined shall not exceed a total diversion rate of 0.11 cfs, and the irrigation of 6.7 acres.
- 65-24278 is for 0.8 ac and 0.01 cfs and fully overlaps. Since 65-24034 is for 0.014cfs/ac, the overlapping acres allow $(0.014 \text{ cfs} \times 0.8 \text{ ac}) + 0.1 = 0.02$ cfs on that 0.8 ac. The remaining 4.2 acres of 65-24034 are at $0.014 \text{ cfs} \times 4.2 \text{ ac} = 0.06$ cfs for a total of 0.08 cfs over the 5 acres, which is the sum of the total rate on the two rights (i.e. rate is additive), so no rate limit is needed and we only need the acre limit:
 3. Rights 65-24034 and 65-24277 when combined shall not exceed the irrigation of 5 acres.
- Since 65-24277 and 65-24278 both fully overlap 65-24034, and 65-24277 adds another 1.7 acres, but that additional 1.7 acres is already covered by combined limit #2, no additional acre limit is required by the combination of these three rights. The total rate of these three rights totals $0.07 + 0.7 + 0.01 = 0.15$ cfs, which results in $0.15 \text{ cfs} / 6.7 \text{ ac} = 0.022$ cfs. Since this is in excess of 0.02 cfs/ac, R63 already covers the rate limit so these three combined also do not require a rate limit.

- The same holds true for the combination of 65-24035, 65-24278, & 65-24034.
- All the existing rights overlap 65-24034 to some degree. 65-24278 fully overlaps and does not include any additional acres. 65-24035 fully overlaps and includes an additional 1.5 acres beyond the overlap totaling 6.5 acres of irrigation. 65-24277 fully overlaps 65-24034 as well and includes an additional 1.7 acres, however 1.5 of those acres overlap the same additional acres of 65-24035, therefore 65-24277 adds an additional 0.2 acres to the overall suite of rights. The combined acre limit for the full suite of rights is therefore 6.7 acres. Since the entirety of the overlapping acres and the non-overlapping acres are at 0.02 cfs or more, no rate limit is required as it is covered by the R63. The following acre limit is for the full suite of rights:
 4. Rights 65-24034, 65-24035, 65-24277, and 65-24278 when combined shall not exceed the irrigation of 6.7 acres.

DELIVERY SYSTEM DIAGRAM

Water Right No. 65-24034





Fig. 1 &2 – Location of the pump house near the POD in the SWSE QQ. View looking N.

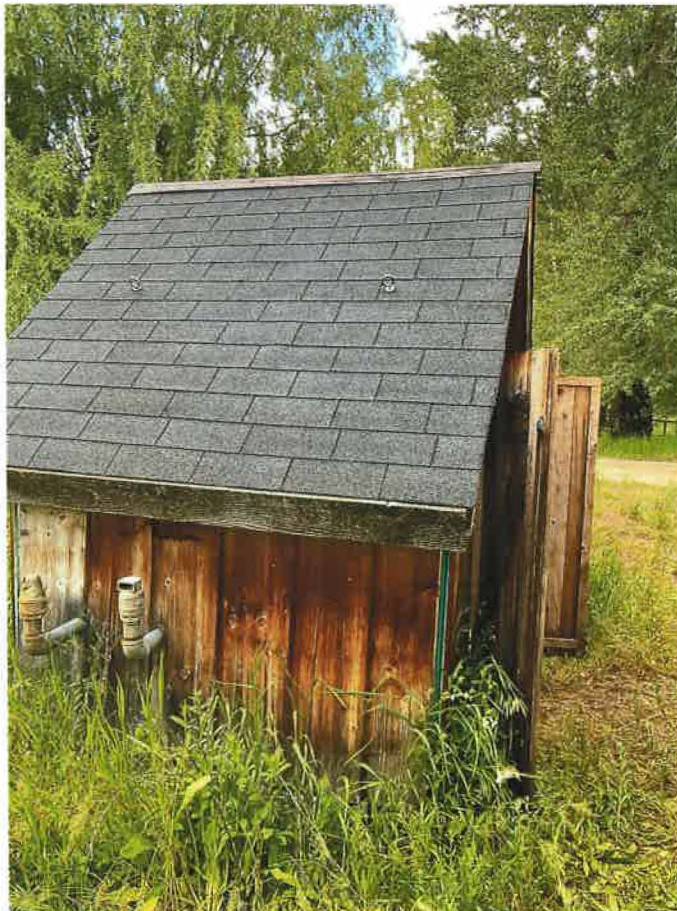




Fig. 3 – Inside the pump house. System on the left is a separate system for another WR.



Fig. 4 – Main line connection to POD in the pump house.



Fig. 5 – Image of the power controls for the pumps of several systems.

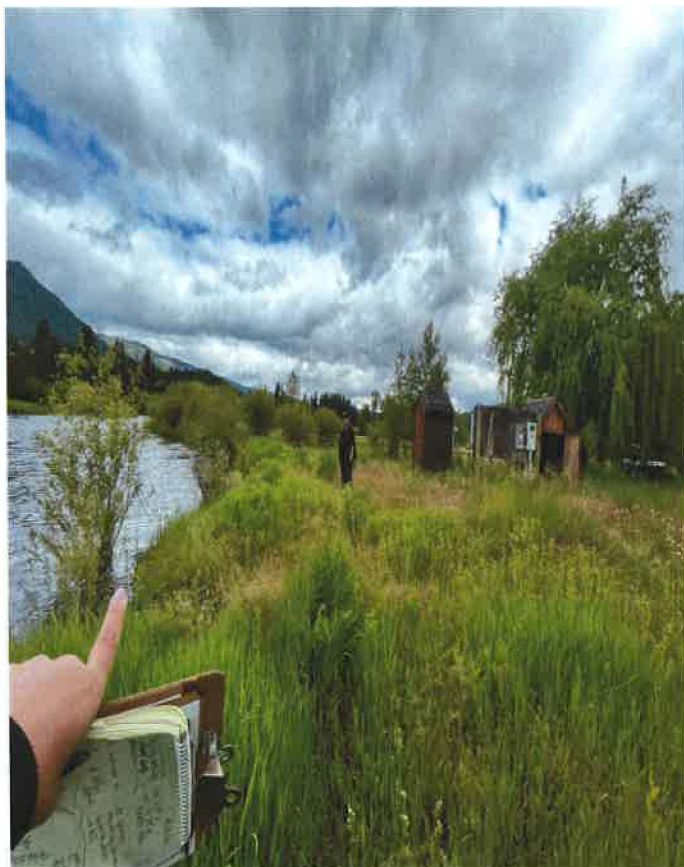


Fig. 6 – Location of the diversion from the Middle Fork of the Payette River.

GPS'd at:

44° 6' 55" N

115° 57' 58" W



Fig. 7 – Rainbird irrigation system control center for zones 1-4 that cover the POU.

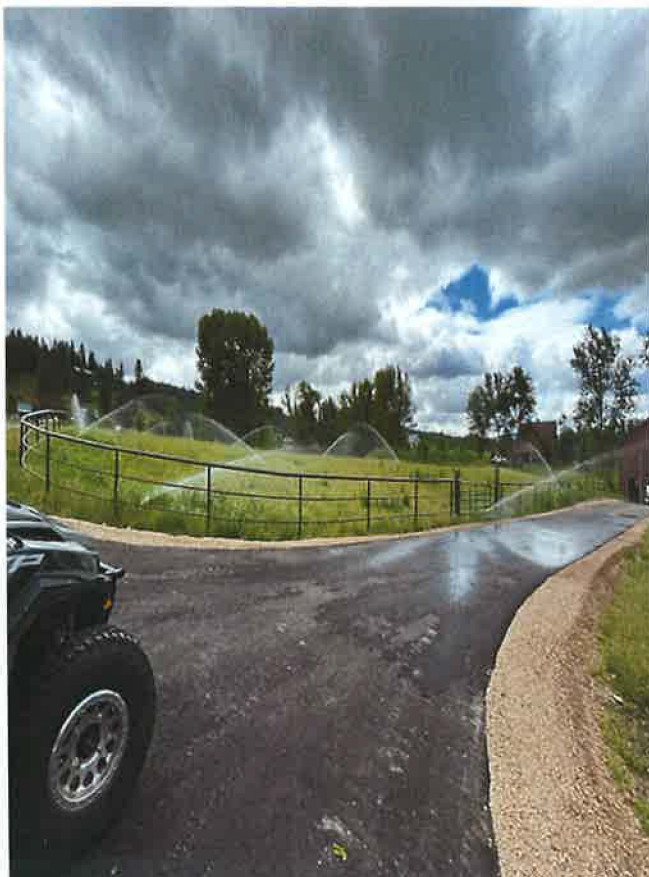


Fig. 8 – Irrigated acres in the center of the NW corner of the POU zone 1 . View looking NE.

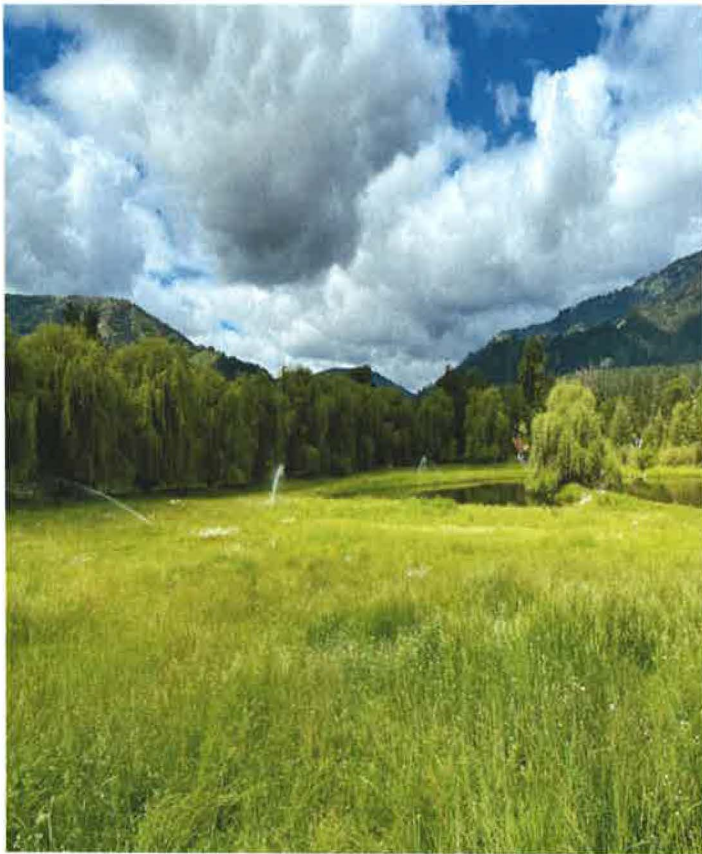


Fig. 9 – Irrigated acres in the top NE corner of the POU zone 2. View looking N.

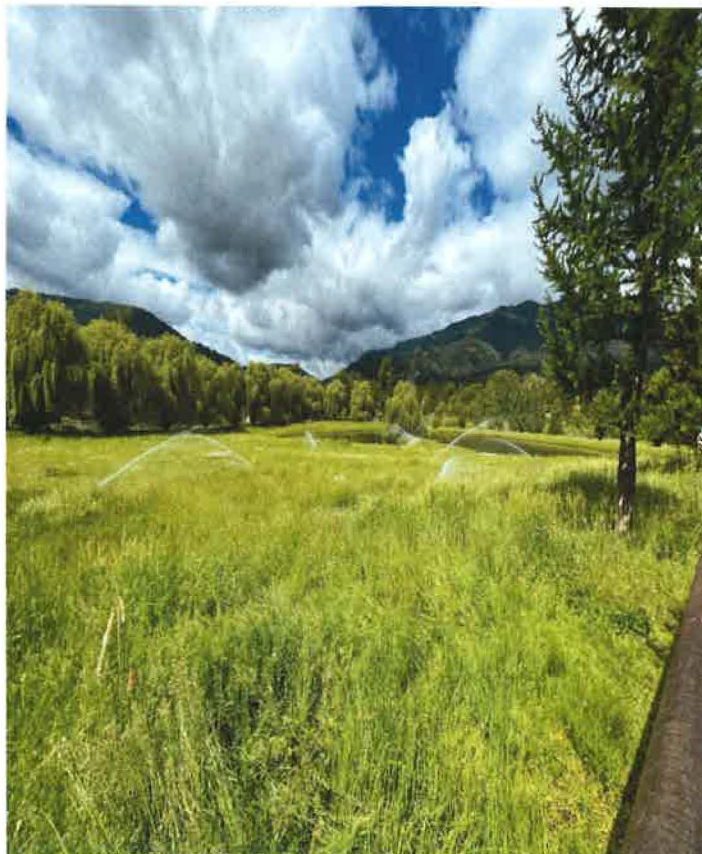


Fig. 10 – Irrigated acres in the NE corner of the POU zone 3. View looking E.

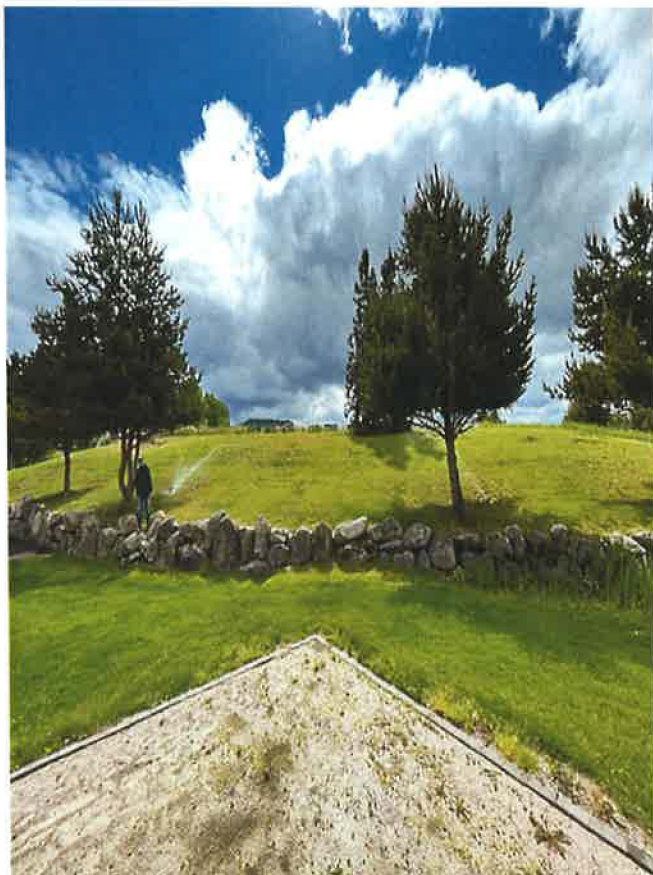


Fig. 11 – Irrigated acres in the bottom SW corner of the POU zone 4. View looking E.



Fig. 12 – Rainbird sprinkler that is in all zone of the POU.



IDAHO DEPARTMENT OF
WATER RESOURCES

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Governor Brad Little

Director Mathew Weaver

September 20, 2023

HOLTZINGER REVOCABLE LIVING TRUST
2575 BENNETT RIDGE RD
SANTA ROSA CA 95404-9524

RE: Change in Ownership

Dear Permit Holder:

The Department of Water Resources (Department) is trying to issue a license for water right permit 65-24034 and upon review it was deemed necessary for an ownership change split to be submitted for water rights 65-23020 and 65-23030 before the license can be completed. Please submit the ownership change split within 30 days.

If you have any questions regarding this matter, please contact me at (208) 605-4632.

Sincerely,

Marcelina M. Williams
Water Resource Agent, Sr.
Western Region
Idaho Dept. of Water Resources

Enclosures: Application for ownership change
Proof reports for water rights 65-23020 & 65-23030