

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-34857
Exam Date: 12/04/2025

1. Current Owner:
TYLER G RAMOS 3907 W RAVENNA ST MERIDIAN ID 83646-2903
2. Accompanied by: Tyler Ramos
Phone No: 208-789-3234
Address: 3907 W Ravenna St. Meridian, ID 83646
Relationship to permit Holder: Permit Owner

3. **SOURCE:**
BOISE RIVER

Tributary
SNAKE RIVER

Method of Determination: Proof of Beneficial Use, In-Person Field Exam.

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
63-12113	Boise River	Irrigation (0.12 cfs, 4 acres)	License
63-34599	Boise River	Irrigation (0.14 cfs, 7.2 acres)	Decreed
63-33130	Waste Water	Irrigation (0.2 cfs, 10 acres)	License

Comments: A combined limit condition was placed to limit rights 63-12113, 63-34599, and 63-33130 to 0.02cfs per acre and 4.5 AFA per irrigated acre. There are no overlapping permit places of use.

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

Water Right No.	Source	Purpose of Use	Basis
63-276A	Boise River	Irrigation (0.08 cfs)	Decreed
63-12113	Boise River	Irrigation (0.12 cfs)	License
63-34598	Boise River	Irrigation (0.02 cfs)	Decreed
63-34599	Boise River	Irrigation (0.14 cfs)	Decreed
63-33130	Waste Water	Irrigation (0.2 cfs)	License

Comments: Rights 63-12113, 63-34599, and 63-33130 are under the same ownership as right 63-34857. All above-mentioned rights overlap in the point of diversion located on the east end of the property. There are no overlapping permit points of diversion.

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

BOISE RIVER NW¼ SW¼, Sec. 8, Twp 05N, Rge 05W, B.M. CANYON County

43.78347 -116.96788

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

PLACE OF USE: WILDLIFE STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	05W	8										X							

PLACE OF USE: WILDLIFE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	05W	8										X							

PLACE OF USE: RECREATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	05W	8										X							

PLACE OF USE: RECREATION STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	05W	8										X							

Method of Determination: ArcPro 2023 aerial imagery, in-person field exam.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X 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.

X

N/A Aerial Photo Attached (required for irrigation of 10+ acres).

X 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
Boise River POD	Baldor Reliance	5	F1109260540	Parma Company	10942-13

D. FLOW MEASUREMENTS

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

No flow measurements were collected during this field exam as a flow meter has been installed to the system by the water user.

E. FLOW CALCULATIONS

A flow meter has been installed to the point of diversion, which measured 348.65 GPM, or 0.77 cfs, at the time of the field exam.

$$348.65 \text{ GPM} * 0.00223 = 0.78 \text{ cfs}$$

F. VOLUME CALCULATIONS**Volume Calculations for Wildlife Storage and Recreation Storage:****Field 1 Capacity:**

$$6.5\text{-acre surface area} * 2.5\text{ft max depth} * 0.4 = \mathbf{6.5 \text{ AF}}$$

Field 1 Seepage:

$$\frac{283,140 \text{ sqft} * 0.003 \frac{\text{ft}}{\text{day}} * 7.48 * 108 \text{ days}}{325,850} = \mathbf{2.11 \text{ AFA}}$$

Field 1 Evaporation:

$$\frac{1.3\text{mm} * 6.5 \text{ acres}}{304.8} = \mathbf{0.03 \text{ AFA}}$$

Field 2 Capacity:

$$4.5 \text{ acres} * 4\text{ft max depth} * 0.4 = \mathbf{7.2 \text{ AF}}$$

Field 2 Seepage:

$$\frac{196,020 \text{ sqft} * 0.003 \frac{\text{ft}}{\text{day}} * 7.48 * 108 \text{ days}}{325,850} = \mathbf{1.46 \text{ AFA}}$$

Field 2 Evaporation:

$$\frac{1.3\text{mm} * 4.5 \text{ acres}}{304.8} = \mathbf{0.02 \text{ AFA}}$$

$$7.2 \text{ AFA} + 1.46 \text{ AFA} + 0.02 \text{ AFA} + 6.5 \text{ AFA} + 2.11 \text{ AFA} + 0.03 \text{ AFA} = \mathbf{17.32 \text{ AFA}}$$

Wildlife, Recreation, and Diversion to Storage:

The owner of WR 63-34857 indicated during the field exam that field flooding begins on October 15th and ends January 31st, annually. He said the pump runs at full capacity 24/7 for the first two weeks of the flooding season. After the initial two weeks, the pump runs for 24 hours, four days a week. This totals 78 full days of water diversion.

$$\frac{78 \text{ days} * 24 \text{ hours} * 60 \text{ minutes} * 348.65 \text{ GPM}}{325,850} = \mathbf{120.2 \text{ AFA}}$$

G. NARRATIVE/REMARKS/COMMENTS

An application for permit to appropriate 2.4 cfs for wildlife recreation, 589.9 AFA wildlife and recreation storage, and 2.4 cfs diversion to storage was received to the Department on February 13, 2020. The permit was approved on May 29, 2020, with Proof of Beneficial Use due date of June 1, 2025. Proof of beneficial use was received on June 6, 2025, and an in-person field exam conducted on December 4, 2025.

Two fields were used for wildlife and recreation flooding during the development period, referred to as field one and field two for the purpose of the field report. Both fields are represented in the system diagram in figure 1. There is one point of diversion used for this right, including a 5hp pump and a flow meter which showed a diversion rate of 0.78cfs at the time of the field exam while the system was running at full capacity. Capacity volumes are calculated in Item F using maximum depth of both fields, surface area, and considering both fields to represent a pond with sloped edges. Using the NRCS Web Soil Survey, I calculated the seepage rate in Item F considering the soil type is CL with a seepage rate of 0.003 ft/day. Evaporative losses were calculated using data from the Parma Exp. Station, using the standard flooding season that the owner provided us with from their development period. The precipitation deficit was negative for all but one month of the flooding season, except for 1.30mm. The owner specified that the season of use during the development period includes October 15th through January 31st. The diversion runs 24/7 for two weeks before reducing the diversion to 24 hours for four days per week. Considering a 16-week season of use, this includes 78 full days of diversion, amounting to 120.2 AF.

I recommend a diversion rate of 0.78cfs and an annual volume of 102.9 AF for Wildlife and Recreation. I also recommend an annual volume of 17.32 AF for Wildlife Storage and Recreation Storage. Conditions 219 and 220 have been updated according to the developed use. 01J was replaced with R43 and 121 was replaced with 103 per department standards.

Have conditions of permit approval been met? X Yes No

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
WILDLIFE STORAGE	09/01 to 02/28		17.32 AF
WILDLIFE	09/01 to 02/28	0.78 CFS	103 AF
RECREATION	09/01 to 02/28	0.78 CFS	103 AF
RECREATION STORAGE	09/01 to 02/28		17.32 AF
DIVERSION TO STORAGE	09/01 to 02/28	0.78 CFS	

Totals:

0.78 CFS

120 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

I. AUTHENTICATION Kate Englund - Water Resource Agent

Field Examiner's Name Kate Englund Date December 11, 2025

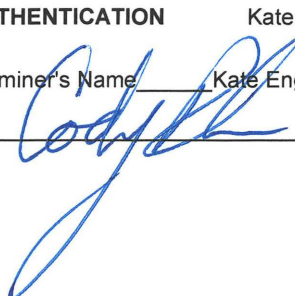
Reviewer  Date 12-12-25



Figure 1 System diagram including place of use, point of diversion, and two locations that return overflow to source. The 5.5" gated mainline is not included due to uncertain locations.

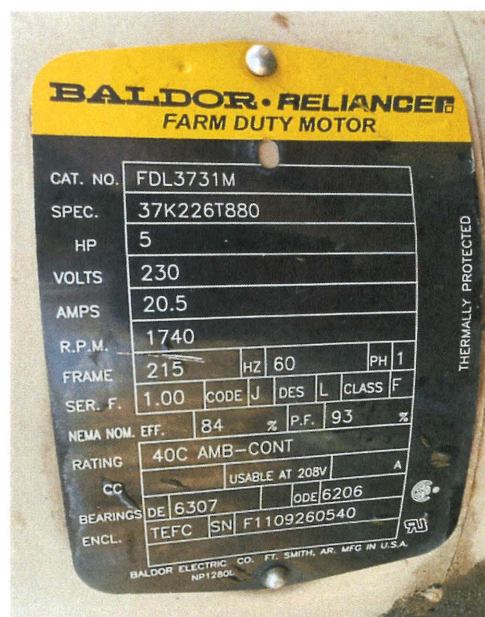


Figure 2 Baldor Reliance 5hp motor with serial number F1109260540.



Figure 3 Pump Serial Number reading 10942-13



Figure 4 Point of diversion including 5hp pump and flow meter.



Figure 5 Growsmart by Lindsay Brand flow meter installed to the point of diversion.



Figure 6 Flow meter reading collected at the time of the field exam, showing a diversion rate of 384.65 GMP, or 0.78cfs.



Figure 7 South facing photo of 6.5 acre flooded field (field 1).



Figure 8 West facing photo of North end of field 1.



Figure 9 Outlet located on North end of field 1.



Figure 10 Riser associated with 6.5-acre field, located on the Southeast corner of field 1.



Figure 11 West facing photo of field 2.



Figure 12 Gated pipe on field 2.



Figure 13 Riser associated with field 2.



Figure 14 Outlet located on West end of field 2.