

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

A. GENERAL INFORMATIONExam Date: 4/30/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- a. Irrigation of 5 acres or less
b. Storage of up to 14.6 AF for stockwater purposes only
c. X Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
d. Other < >

2. Current Owner: **Highway 78 Trust**Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No Explain: N/A

3. Beneficial Use Fees have been paid: X Y N Receipt No: W051884

4. Source: Tributary:
Groundwater N/A

Method of Determination: GIS, Tax Parcel Data, and the Permit Holders Statement of Completion for Proof of Beneficial Use.Change in Source: Y X N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: X No Overlap

Water Right No.	Source	Purpose of Use	Basis
57-1125	Groundwater	Domestic, Stockwater	Decree
57-1126	Groundwater	Domestic, Stockwater	Decree

Comments: Water rights 57-1125 and 57-1126 overlap the permitted place of use and authorize stockwater. Both water rights combined are limited to 0.26 cfs. Therefore, this permit should be limited when combined with 57-1125 and 57-1126 adding the additional increment of beneficial use development under this permit. (See Narrative for further details).

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

Water Right No.	Source	Purpose of Use	Basis
57-1125	Groundwater	Domestic, Stockwater	Decree
57-1126	Groundwater	Domestic, Stockwater	Decree

Comments: Water rights 51-1125 and 51-1126 are authorized to divert water from both wells authorized under this permit. The existing rights are limited when combined to 0.26 cfs. Therefore, this permit should be limited when combined with 57-1125 and 57-1126 (See Narrative for further details).

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SE	NE	2	01S	03W	B.M.	Owyhee County
Groundwater			SE	NE	2	01S	03W	B.M.	Owyhee County
								B.M.	

Method of Determination: GIS, Tax Parcel Data and Well Logs.Change in POD? Y X N Amendment Required? Y X N

Place of Use: Stockwater

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01S	03W	2				X									X				N/A
		Lot #																	

Method of Determination: GIS and Tax Parcel Data and 2023 Google Earth Imagery.Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

 Delivery System Diagram Attached. (mark all major components and distances between components) X Aerial Photo indicating the location of the recommended POD and POU. X Aerial Photo Attached (required) 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: The permit holder did not provide pump horsepower. Therefore, a diversion rate calculation is not possible.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. The permit authorizes stockwater use for 999 range cattle. Existing water rights 57-1125 and 57-1126 authorize 0.20 cfs individually or enough water for up to 900 cattle according to Administrative Application Processing Memo #3. Therefore, 99 cattle's worth of additional beneficial use was developed. According to Administrative Application Processing Memo #3 the standard diversion rate for 99 head of range cattle is 0.03 cfs. Therefore, I recommend a 0.03 cfs diversion rate.

Administrative Application Processing Memo #3 Standard= 0.03 cfs

Permit allowed = 0.20 cfs

F. VOLUME CALCULATIONS

2. Volume Calculations for Other Uses: According to Administrative Processing Memo #3 the standard diversion volume for 99 range cattle is 1.4 af. Therefore, I am recommending a 1.4 af diversion volume.

G. PURPOSE OF USE

Irrigation Y X N # Stock 99 range cattle Domestic # of Homes N/AChange in Purpose of Use? Y X N

Method of Determination: GIS, Tax Parcel Data, 2023 Google Earth Aerial Imagery, a phone conversation with the permit holder, and the permit holders Statement of Completion for Proof of Beneficial Use.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. The permit authorized stockwater for 999 range cattle diverting from groundwater. According to 2023 Google Earth Imagery stockwater use occurred within the permitted place of use. Two water rights, 57-1125 and 57-1126 overlap the place of use and authorize 0.20 cfs for stockwater and 0.06 cfs for domestic use individually. When combined they are limited to 0.26 cfs including domestic use. After a phone conversation with the permit holder, they confirmed there are 999 range cattle watered within the place of use. According to Administrative Application Processing Memo #3 the permit holder likely waters 900 range cattle under existing water rights. Therefore, an additional 99 cattle's worth of beneficial use was developed on this permit or 0.03 cfs and 1.4 af according to Administrative Application Processing Memo #3. I recommend the combined limit between the three rights should be increased to 0.29 cfs because when combined this permit and the existing rights would contribute more beneficial use than just existing rights. Unfortunately, there is no current information to where the original combined limit between the existing rights was derived.

Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. The standards set in Administrative Application Processing Memo #3 were used to make a diversion rate and volume recommendation. All of the conditions have been met and development of the beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a 0.03 cfs diversion rate and 1.4 af volume.

No conditions on the permit should remain on the license. Condition X35 should be added to the license limiting water rights 57-1125, 57-1126 and 57-11996 when combined to a 0.29 cfs diversion rate. Another X35 condition should be added to the license limiting water rights 57-1125, 57-1126, and 57-11996 to 0.23 cfs for stockwater purposes. This parses out 0.06 cfs of domestic use authorized under the existing rights 57-1125, 57-1126 when combined. Condition 121 should be changed to 103 as is the standard with licensing. Condition X02 should be removed as standard with licensing. Condition 046 should be removed because the permit holder drilled a well meeting the well drilling requirements of Idaho Code §42-235 and applicable Well Construction Rules of the Department. Condition 26A should be removed as standard with licensing.

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

I. RECOMMENDATIONS

1. Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater	01/01-12/31	0.03 CFS	1.4 AF
	<u>Totals:</u>	0.03 CFS	1.4 AF

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

J. AUTHENTICATION

Field Examiner: **Skyler Cheever – Water Resource Agent**

Field Examiner's  Date 4/30/2024

Reviewer  Date 5/12/24

Field Exam Map

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



2023 Google Earth Imagery

Imagery indicated stockwater use occurred within place of use.

