

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

A. GENERAL INFORMATIONExam Date: 4/8/2025

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

2. Current Owner: Darcy Lammers

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No Explain:

3. Beneficial Use Fees have been paid: X Y N Receipt No: C118430

4. Source: Tributary:
Spring Sinks

Method of Determination: GIS, Idaho Tax Parcel Data, and the Permit Holders Statement of Completion for Proof of Beneficial Use (Proof Statement).

Change in Source: Y X N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: No Overlap

Water Right No.	Source	Purpose of Use	Basis
98-2037	Mission Creek	Irrigation	License
98-7770	Groundwater	Municipal	License

Comments: Water Rights (WR) 98-2037 and 98-7770 overlap the proposed place of use (POU) and authorize irrigation and municipal use. The WR's are owned by Mission Creek Water Association Inc according to Department records. After a phone conversation on April 7th, 2025, with the permit holder they indicated they do not use irrigation or municipal water to irrigate any of their property or for the watering of livestock. Therefore, there are no POU overlapping concerns with this permit and a combined limit is not necessary.

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

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: No overlap with proposed POD found according to Department Records.**C. DIVERSION AND DELIVERY SYSTEM**

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		NE	NE	NE	20	64N	01E	B.M.	Boundary

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

2. Place of Use: Irrigation and 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	
64N	01E	20	0.4, S																0.4
		Lot #																	
Total Acres =																			0.4

Method of Determination: GIS, Idaho Tax Parcel Data, 2023 NAIP Aerial Imagery, and photographs provided by the permit holder with their Proof Statement.

Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

Description:

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

 X Aerial Photo indicating the location of the recommended POD and POU.

 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 a pump horsepower because the diversion system is gravity fed. Therefore, a diversion rate calculation is not possible.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: Since the diversion system is gravity fed, and pump specifications could not be provided a diversion rate calculation was not possible. 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 (0.4 acres * 0.03 cfs/acre) = 0.012 or 0.01 cfs rounded. According to the permit holder on their Proof Statement they provide water for 21 mixed livestock. Unfortunately, there are no diversion rate standards for mixed livestock. The standard for range cattle should be used as an alternative. According to the Administrative Application Processing Memo #3 the standard diversion rate for 21 mixed livestock would be 0.02 cfs. I am recommending a 0.01 cfs diversion rate for irrigation and 0.02 cfs for stockwater use or 0.03 cfs total.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{See \#2}$$

I.R.

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \text{See \#2}$$

D.R.

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \text{See \#2}$$

I.R. D.R.

2. Volume Calculations for Other Uses: The permit authorizes diversion from a spring for irrigation. According to the IDAPA Beneficial Use Examination Rule 37.03.02.30.01j.viii if a permit authorizing diversion from a natural flowing stream/river or spring for irrigation a diversion volume for irrigation is not required at licensing. According to the permit holders Proof Statement they provide water for 21 mixed livestock. Unfortunately, there is no diversion volume standards for mixed livestock. The standard for range cattle should be used as an alternative. According to the Administrative Application Processing Memo #3 the standard diversion volume for 21 mixed livestock is 0.4 af. I am recommending a 0.4 af diversion volume for stockwater use.

G. PURPOSE OF USEIrrigation X Y N # Stock 21 Mixed Livestock Domestic # of Homes N/AChange in Purpose of Use? Y X NMethod of Determination: GIS, Idaho Tax Parcel Data, 2023 NAIP Aerial Imagery, the permit holders Proof Statement.**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-office examination. The permit authorized the irrigation of 1.5 acres and stockwater for 21 mixed livestock diverting from a spring. After an initial review of 2023 NAIP Imagery it was difficult to determine where irrigation under this permit was developed. The permit holder was contacted for clarification on April 7th, 2025, and indicated they were irrigating an old orchard that was clearly visible via imagery. Therefore, according to 2023 NAIP Imagery and clarification by the permit holder 0.4 acres of irrigation was confirmed. The permit holder confirmed on their Proof Statement they provided water for 21 mixed livestock. Since the permit holder could not provide pump specifications due to the system being gravity fed, a diversion rate calculation was not possible. Currently there is no standard diversion rate or volume for mixed livestock. The standards set for range cattle should be used as an alternative. Since the permit authorizes diversion from a spring for irrigation a diversion volume for irrigation is not required at licensing according to the IDAPA Beneficial Use Examination Rules 37.03.02.30.01j.viii. All of the conditions on the permit were met and development of beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a 0.03 cfs total diversion rate and 0.4 af diversion volume for stockwater.

No conditions on the permit should remain on the license. Condition R66 should be changed to X31 because irrigation is less than 1 acre. Condition X02 should be removed as is the standard with licensing.

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	0.01 CFS	N/A
Stockwater	01/01 – 12/31	0.02 CFS	0.4 AF
	<u>Totals:</u>	<u>0.03 CFS</u>	<u>N/A</u>

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

6/16/2025

Reviewer



Date

6/27/25

Field Exam Map

Map showing the authorized point of diversion (yellow point), confirmed irrigation POU (orange outline) and stockwater POU (green outline).





IDAHO DEPARTMENT OF
WATER RESOURCES

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Governor Brad Little

Director Mathew Weaver

January 27, 2025

DARCY LAMMERS
453 PYWELL RD
BONNERS FERRY ID 83805-5100

PROOF ACKNOWLEDGEMENT LETTER

RE: Permit No. 98-8108

Dear Permit Holder(s):

The Department acknowledges receipt of the Proof of Beneficial Use form ("proof") and license examination fee for the above-referenced water right permit. Enclosed is an order that reinstates this permit since proof and the license examination fee were submitted after the proof deadline. Please note that the priority date for this permit has been advanced to **February 22, 2023**, pursuant to Idaho Code § 42-218a(2).

The next step in the process of developing a water right is for the Department to conduct a field examination to determine and confirm the use being made of the water according to the conditions of the permit.

Please be advised that Idaho Code § 42-248, requires you or the owner of this water right to maintain current ownership and address records on file with the Department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any Department office or at the Department's website at www.idwr.idaho.gov.

If you have any questions concerning the field examination, please contact the State Office of the Department located in Boise at (208) 287-4800.

Sincerely,

Jean Hersley
Technical Records Specialist II

Enclosure(s)

SCANNED

JAN 27 2025