

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-8055
Exam Date: 12/13/2023

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. x 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:

NATALIE LONG 533 DIAMOND RD BONNERS FERRY ID 83805-5701 AND/OR
GREGORY BEALS 533 DIAMOND RD BONNERS FERRY ID 83805-5701

3. **SOURCE:**

UNNAMED STREAM

Tributary

BROWN CREEK

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: None

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: None

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM SE¼ NW¼, Sec. 23, Twp 61N, Rge 01E, B.M. BOUNDARY County

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

PLACE OF USE: STOCKWATER 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	
61N	01E	23								X									

PLACE OF USE: STOCKWATER FROM 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	
61N	01E	23								X									

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

3.

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

X

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
N/A	N/A	N/A	N/A	N/A	N/A

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: No measurement is required for an in-office examination.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses: Stockwater Storage & Stockwater from Storage

Pond Capacity = surface area of pond (0.1 ac) x average pond depth (4 ft) = 0.4 af

Estimated seepage loss = 0.1 af

Estimated evaporation loss = 0.1 af

Volume required for additional refills = 0.7 af

Total volume = 1.3 af

G. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination because it is for storage of less than 14.6 af for stockwater purposes only.

Field exam was conducted on December 13, 2023, by Justin Shearer. Ownership of the permit is in the name of Gregory Beals and/or Natalie Long. Current Boundary County Taxlot data represents Gregory Beals owns the land appurtenant to

the place of use (POU) and point diversion (POD). Proof of Beneficial Use was submitted on September 5, 2023.

The original application for permit indicated the applicant intended to excavate a small existing pond for stockwater storage for up to 50 head of cattle and divert from said pond for stockwater from storage purposes using small pump into a tank. Aerial imagery available to the department indicates that a pond with a surface area of 0.1 acres was developed. Because there is evidence of cattle trails on the property it is safe to assume that this pond is being used for stockwater purposes. Additionally, it can likely be presumed that the owner has the capacity to divert the small amount of 0.7 af from the pond using a small pump into a small tank satisfying the stockwater from storage component of this permit. As a result, I am recommending 1.3 af total, with 1.3 af being for stockwater storage, and 0.7 af for stockwater from storage.

All conditions of the permit have been met. Condition 029 is being removed since Fish and Game were sought for comment and none were received requiring the permit holder to install a fish screen, thus it can be dropped at licensing as per condition usage description. Condition X02 is being removed as per department standard. Condition 004 is being removed since there is no apparent concern for ownership issues at the POD or POU at the time of licensing.

Have conditions of permit approval been met? X 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>
STOCKWATER STORAGE	01/01 to 12/31		1.3 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.7 AF

Totals:

1.3 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

Justin Shearer -

Field Examiner's Name



Date

12/13/2023

Reviewer



Date

12/26/23



2021 Image showing the area of the pond and likely area of stockwatering use.