

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 45-14439
Exam Date: 9/13/2017

1. Current Owner:

S J ANDERSON
975 S 950 E
PO BOX 158
ALBION ID 83311
(208) 673-6222

And/or

A W ANDERSON
975 S 950 E
PO BOX 158
ALBION ID 83311
(208) 673-6222

2. Accompanied by: In office exam

Phone No: NA

Address: NA

Relationship to Permit Holder: NA

3. **SOURCE:**

UNNAMED STREAM

TRIBUTARY:

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Rights 45-312B (irrigation), 45-311 (irrigation and mitigation), 45-294C (irrigation). Right 45-10042 is a domestic which was claimed as 1 home and lawn, but doesn't cover the home in this QQ.

2. Other water rights with the same point-of-diversion: None

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

UNNAMED STREAM SW¼NW¼ Sec. 12, Twp 12S, Rge 24E, B.M. CASSIA County

Method of Determination: Field visit and ArcMap aerial imagery

2.

PLACE OF USE: STOCKWATER STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12S	24E	12							X										

Method of Determination: Site visit and ArcMap aerial imagery

3.

NA 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.

X 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
NA					

*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
NA						

2. Measurements: No measurement necessary under Beneficial Use Examination rules as it is solely for storage for stock watering purposes under 14.6 AF.

E. FLOW

CALCULATIONS

Measured Method: NA

_____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: 18' Wide x 10' Long x 1.5' deep = 0.006 AF, round to 0.1.

G. NARRATIVE/REMARKS/COMMENTS

The licensing of permit 45-14439 is being done in-house, as the pre-permit field visit was done by this agent in 2013, and a review of aerial imagery since that time shows the pond has not changed, and Beneficial Use Examination Rules do not require an on-site examination. The application was originally filed for stockwater use from a spring, but the field visit determined that it should be on-stream stockwater storage from an unnamed stream, so the application was amended prior to advertisement.

The pond is a very small shallowly excavated pool below springs southwest of Albion on the Anderson property. It has no mechanically controlled outlet works, only a small, rock covered spillway, so it is a small on-stream, flow-through system. After leaving the pond, the water flows about 120 feet to the borrow pit, where it travels about ¼ mile and sinks. After consultation with the State IDWR office, conditions requiring measurement and a lockable device were altered to read "Upon specific notification by the Department..." rather than "Prior to diversion of water under this right..." because the water sinks before reaching any downstream users.

The Andersons filed for, and received, an Extension of Time to submit proof of beneficial use in 2016. They failed to submit proof in a timely manner in September of this year (2017), but submitted proof 4 days late, which resulted in the advancement of the priority of the permit by 4 days from April 26, 2013 to April 30, 2013.

I recommend licensing 0.1 AF as permitted.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER STORAGE	01/01 to 12/31		0.1 AF
<u>Totals:</u>			0.10 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

I. AUTHENTICATION

Field Examiner's Name



Date

9-25-17

Reviewer

Date



Upstream view of pond, with stream entering pond at lower left, exiting top center.

Downstream view of pond. Outlet is at bottom center.





View of pond from right hand side. Spillway is at arrow.

View of pond from left hand side. Note cow trail through gate leading to pond.

