

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-17538

Exam Date: 9/18/2012

1. Current Owner: DAN WEAVER
PO BOX 426
BUHL ID 83316
(208) 420-5138

2. Accompanied by: Corey Skinner (IDWR Agent)

3. SOURCE

UNNAMED STREAM

TRIBUTARY

MUD CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 47-17524, and 47-4231B

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

UNNAMED STREAM

NE1/4SW1/4

Sec. 24, Twp 09S, Rge 14E, B.M.

TWIN FALLS County

Method of Determination:

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
09S	14E	24								X				X					

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
09S	14E	24								X				X					

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. 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.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
N/A					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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The system was measured in 2010 for a neighboring exam. A 5-gallon bucket measurement was taken at the stand pipe where the water is diverted to the adjoining properties.

2. Measurements: Measurement was taken from the 8" open discharge in to the stand pipe.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

Several measurements were taken ranging from 8 to 9 seconds to fill a 5 gallon bucket. Resulting in up to 0.08 cfs of water available for diversion.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

2. Volume Calculations for Other Uses:

Pond #1 measures 17' X 21' = 357 ft². Pond #2 measures 25' X 12' = 300 ft².
 For a total of 657 ft² with an average depth of 3' = 1971 ft³
 1971 ft³ + 43,560 ft³/AF = 0.045 AF
 0.04 cfs/24 hrs = 0.079 AF (0.04 cfs X 1.9835 AF/pd)

The total volume of the two ponds is significantly less than the 24 hour volume for a rate of 0.04 cfs (0.79 AF)

Per the Beneficial Use Examination Rules dated 3/29/2012 Domestic uses as defined in Section 42-111, Idaho Code are exempt from a volume requirement.

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 47-17538 was filed on July 27 2010 to divert 0.04 cfs of surface water for Domestic/Stockwater use. Permit 47-17538 was approved on September 30, 2010 and Proof of Beneficial use was due on or before October 16, 2011. Proof of Beneficial use was submitted on August 16, 2011 by the applicant. The applicant developed two small ponds, one is approximately 357 square feet in size and the other is approximately 300 square feet in size. The ponds are filled during the irrigation season with the applicant's canal shares from the Twin Falls Canal Company (TFCC) and waste water from an unnamed stream locally known as the J-2 Coulee. Water from the Unnamed Stream, J-2 Coulee, is available at times when water is not being delivered by the TFCC. During the irrigation and non irrigation season water is diverted to the ponds via a ditch from this coulee (stream) and returns to the stream. I have observed this system during the irrigation season and during the non irrigation season during complaint investigations and field exams for this permit and 47-17524. During these observations at least 0.04 cfs was available to satisfy this permit. The total volume of the two ponds is significantly less than the 24 hour volume for a rate of 0.04cfs (0.079 AF), therefore the ponds should be considered as a detail of live flow and not as a storage component. With the availability of water at these, times the period of use was determined to be year round. The Point of diversion is a head gate to an open ditch, with a piped section, that runs north along neighboring properties of the applicant. The last section of pipe has a T joint where the water is diverted to the west to a stand pipe where the applicant receives his water. The POD for water right 47-17524 is associated with the same POD as permit 47-17538. Water right 47-4231C POU is on the South side of this diversion and is diverted from the J-2 Coulee (stream) via a pump to the property not through the TFCC head gate (per owner). Note: during the field exam and licensing process it was discovered that a typo had been made on the application for permit and permit approval identifying the point of diversion in section 14 instead of section 24. The map included with the original application for permit clearly identifies the point of diversion in section 24. It was determined that the error was made by department staff. Therefore the decision was made to correctly identify the point of diversion in section 24 at licensing without requiring an amendment.

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>
DOMESTIC	01/01 to 12/31	0.040 CFS
STOCKWATER	01/01 to 12/31	0.040 CFS
<u>Totals:</u>		0.040 CFS

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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name Benny Walker Date 8/8/14
 Reviewer [Signature] Date 8/8/14



Permit 47-17538



Pond on the East side of property



Permit 47-17538



Pond on the North end of property



Livestock