

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8907

Exam Date: 9/3/2013

1. Current Owner: ELK SPRINGS WATER ASSN
PO BOX 4464
KETCHUM ID 83340
(208)764-8907
2. Accompanied by: Corey Skinner (IDWR)

3. SOURCE

UNNAMED STREAM

TRIBUTARY

FRICKE 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: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM

SE1/4SW1/4

Sec. 31, Twp 01N, Rge 16E, B.M.

CAMAS County

Method of Determination: GIS and aerial photography

2.

PLACE OF USE: STOCKWATER STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
01N	16E	31	<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>	
														X					

Method of Determination: GIS and aerial photography

3. _____ Aerial Photo Attached (required for irrigation of 10+ acres).

_____ Photo of Diversion and System Attached

D. FLOW MEASUREMENTS

N/A (on stream storage)

E. FLOW CALCULATIONS

N/A (on stream storage)

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

N/A

2. Volume Calculations for Other Uses:

Surface area of reservoir = 0.2 acres (GIS shape file for reservoir boundary using ESRI aerial photography)

Estimated average depth of pond at 5 ft.

Volume Capacity = Surface area x Depth = 0.2 acres x 5 feet = 1.0 AF**G. NARRATIVE/REMARKS/COMMENTS**

Application for Permit 37-8907 was filed on March 13, 2000 in the name of David A. Conrad for 2.0 AC-FT of stockwater storage from an unnamed stream tributary to Fricke Creek and the permit was issued on November 14, 2000. On October 11, 2001 proof was filed along with an Assignment of Permit to Elk Springs Water Assoc.

On September 3, 2013 Corey Skinner and I conducted the licensing exam for permit 37-8907. Corey and I observed a small pond (measured at approximately 0.2 acres using GIS and aerial photography) that had been excavated to an average depth of 5.0 feet and constructed across an unnamed stream. The unnamed stream was dry at this time of year and the pond empty. It appears that the source is spring runoff with an annual one time fill so evaporation and seepage losses are not necessary since water is not diverted into the pond to keep it full. As indicated in the volume calculations above, the pond's capacity is estimated at approximately 1.0 acre-foot which is less than the permitted 2.0 AF volume. The pond is located in a corral that has visible signs of livestock use. I recommend this permit be licensed for 1. AF for stockwater storage.

Notes, the permit has a measurement condition on it that has been waived. (see file for Order dated January 12, 2001) However, the Department retains jurisdiction to reinstate the measurement condition so it is recommended to update the condition to read "Upon specific notification of the Department..." A volume condition is also needed to cover the one time fill, evaporation, seepage loss, and stockwater use.

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	N/A	1.00 AF
<u>Totals:</u>		N/A	1.00 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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name *Dana Reeder* Date 9/27/13

Reviewer *JD Martin* Date 10/9/13



INLET

OUTLET

Looking
South



Looking
North

01N 16E SEC 31 SESW

Inlet

OUTLET

Avg. Depth
5'

Base Line