

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8772

Exam Date: 9/25/2012

1. Current Owner: SOUTH COVE VENTURES LLC
ATTN: CHARLES HILL VP
PO BOX 1607
BELLEVUE WA 98009
(425)460-2504
2. Accompanied by: Jeanie Robertson (IDWR)

3. SOURCE

UNNAMED STREAM

TRIBUTARY

SCHOOLER 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

NW1/4NW1/4

Sec. 34, Twp 02S, Rge 15E, 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
			<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>	
02S	15E	34						X											

Method of Determination: GIS and aerial photography

D. FLOW MEASUREMENTS

N/A (on stream storage)

E. FLOW CALCULATIONS

N/A (on stream storage)

F. VOLUME CALCULATIONS

- Surface area of pond = 0.21 acres (per GIS shape file for pond boundary using Esri aerial photography)
- Average depth of the pond was estimated at approximately 3.5 feet (per field observation)

Capacity = Surface area x average depth = 0.21 acres x 3.5 feet = 0.735 acre-feet (Use permitted amount of 0.2 acre-feet)

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 37-8772 was filed January 21, 1992 and the permit was issued January 31, 1996 for 0.2 acre-feet of stockwater storage and stockwater from storage use southeast of Fairfield. The source was listed as "Thorn Creek tributary to Big Wood River". Proof of Beneficial Use was filed on November 29, 1996. On September 25, 2012 Jeannie Robertson (IDWR) and I conducted the licensing field exam for permit 37-8772.

The system consists of an excavated pond constructed across an unnamed channel approximately 11.1 miles southeast of Fairfield. The pond is located in a flat area that drains to the southeast eventually entering the Schooler Creek drainage before entering the Thorn Creek drainage approximately seven miles below the pond. The pond was estimated to have an excavated depth of three to four feet. As indicated in the volume calculations above, the reservoir capacity is estimated at approximately 0.735 acre-feet, which exceeds the permitted amount of 0.2 acre-feet. The Esri aerial photography appears to indicate several livestock trails running to and from the pond and evidence of livestock use was present at the pond and surrounding area. It is recommended that license 37-8772 be issued for 0.2 acre-feet of stockwater storage. It is recommended to drop the stockwater from storage use listed on the permit since there was no physical system present to release water from the pond. It is also recommended that the source be licensed as an unnamed stream tributary to Schooler Creek rather than the permitted "Thorn Creek tributary to Big Wood River". Note that the pond was developed as described on the original Application for Permit (description of proposed diverting works, same location, etc.) so the change in source on the license can be viewed as a more refined, accurate, source description rather than an actual physical change from the permitted source.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

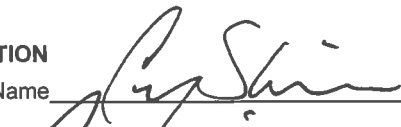
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER STORAGE	01/01 to 12/31	0.20 AF
<u>Totals:</u>		0.20 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

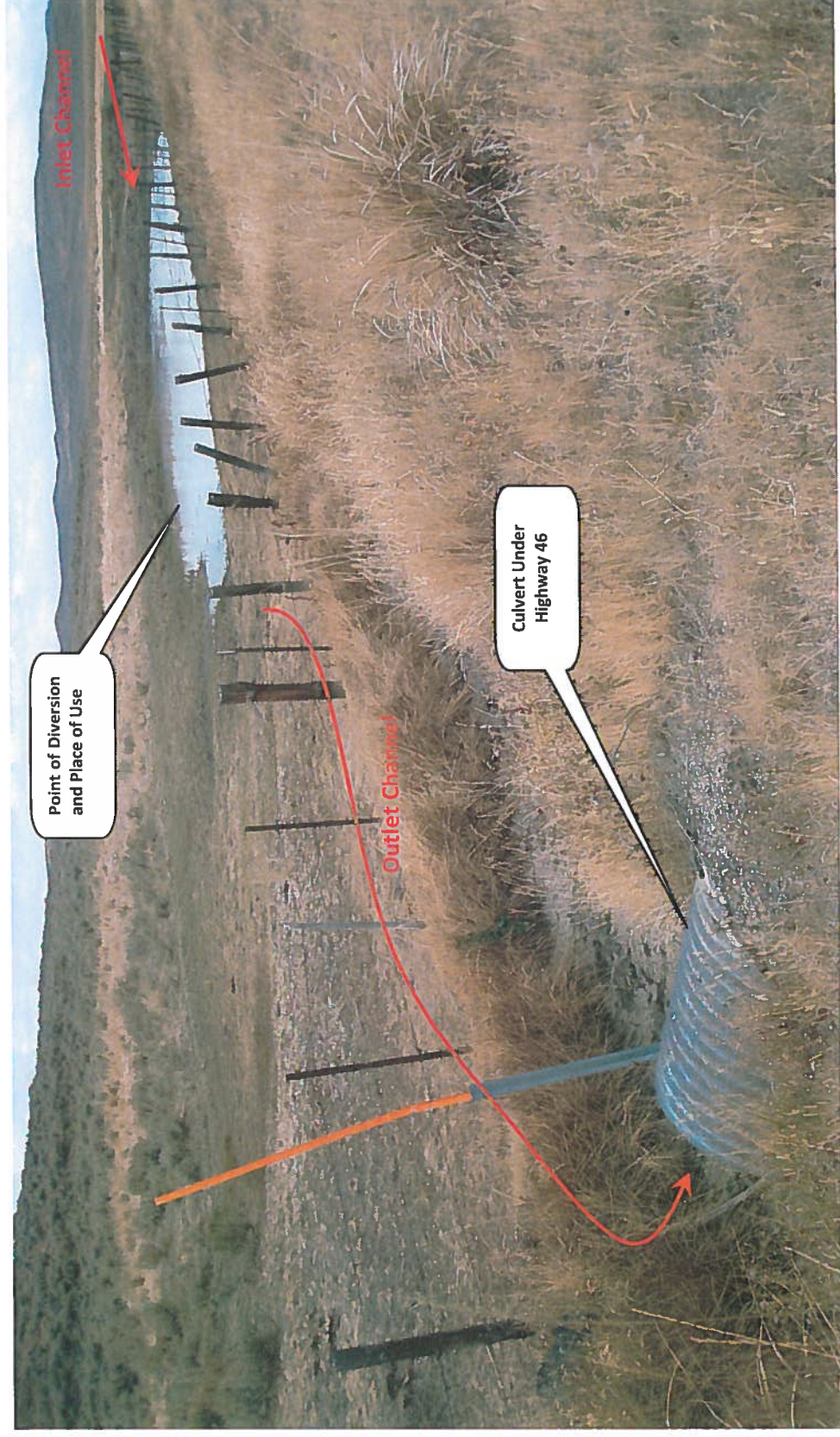
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name  Date 2/19/2014

Reviewer  Date 3/25/14

37-8772 Point of Diversion and Place of Use Photo



View from Highway 46 looking northwest, showing pond (approximately 0.21 acre in size and three to four feet deep) described by 37-8772. The pond is excavated in a flat area with the drainage running north to south through the pond (built on stream). This general area drains to the southeast eventually entering the Schooler Creek drainage before entering the Thorn Creek drainage approximately seven miles below this location. Note the signs of livestock use in the area around the pond.

37-8772 Point of Diversion and Place of Use Map

Esri Imagery

