

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8774

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 NW1/4NW1/4SE1/4 Sec. 28, 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				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
02S	15E	28														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 = 0.09 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 = 0.09 acres x 3.5 feet = 0.315 acre-feet (Use permitted amount of 0.2 acre-feet)

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 37-8774 was filed January 21, 1992 and the permit was issued November 17, 1995 for 0.2 acre-feet of stockwater storage use southeast of Fairfield. The source was listed as "springs tributary to sinks" and an "unnamed stream tributary to Thorn Creek". 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 37-8774.

The system consists of an excavated pond constructed across an unnamed channel approximately 10.3 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 eight miles below the pond. Examination of the area indicated that there did not appear to be any springs located in the vicinity of 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 0.3 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 livestock tracks were visible in the bottom of the pond and surrounding area. It is recommended that license 37-8774 be issued for 0.2 acre-feet of stockwater storage. It is also recommended that the source be licensed as an unnamed stream tributary to Schooler Creek rather than the permitted "springs tributary to sinks" and an "unnamed stream tributary to Thorn Creek". 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>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER STORAGE	1/01 to 12/31	N/A	0.20 AF
<u>Totals:</u>		N/A	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

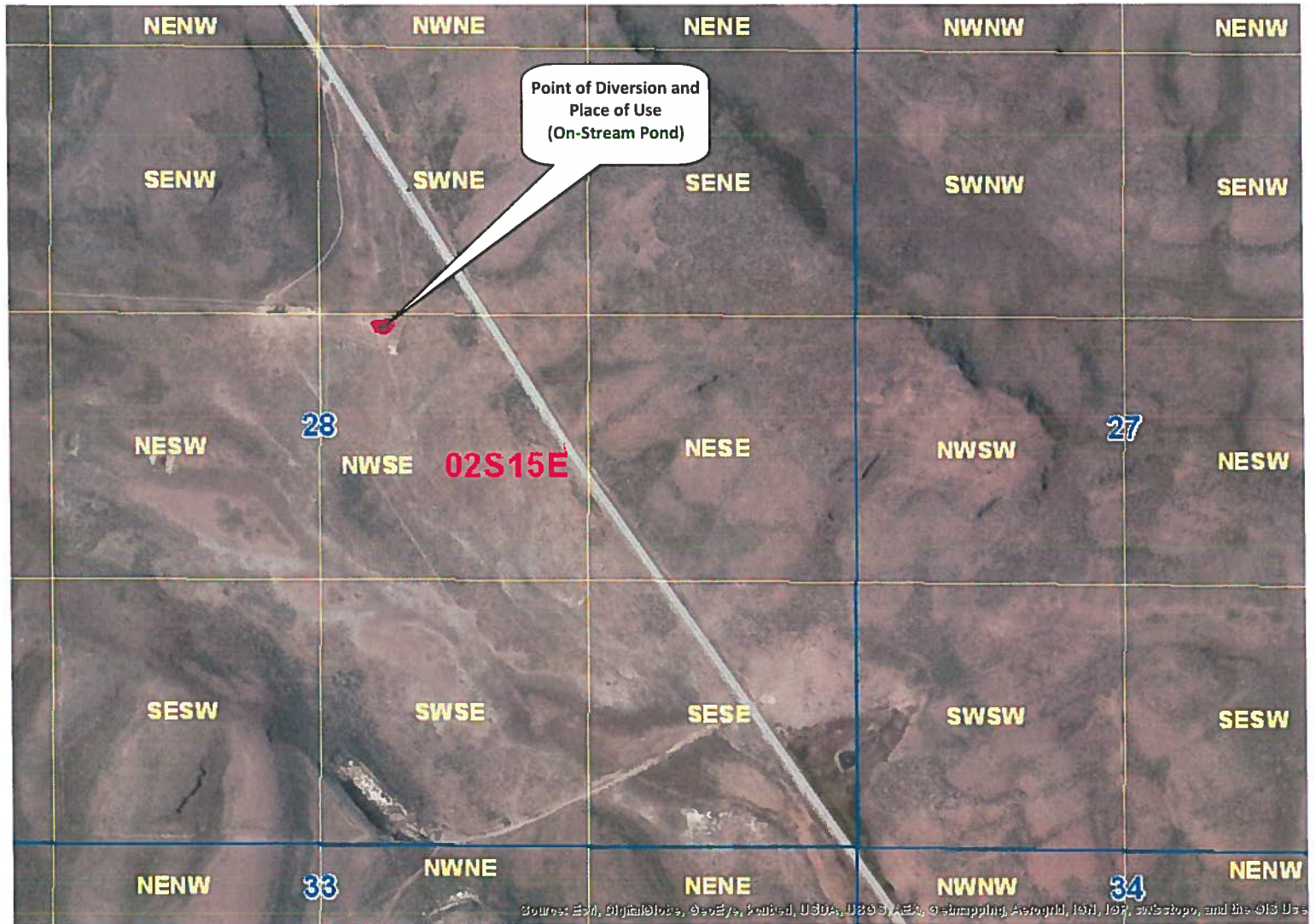
I. AUTHENTICATION

Field Examiner's Name Ray Shim Date 9/23/2013

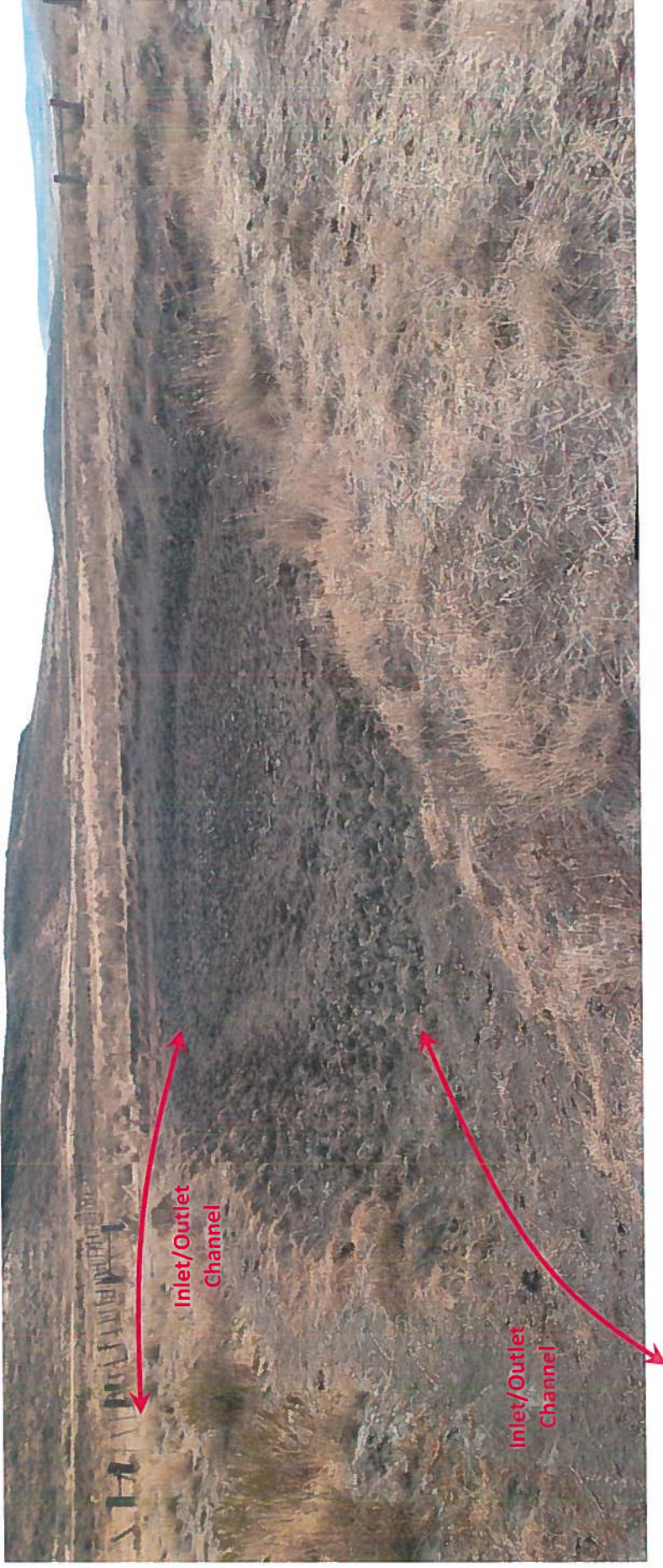
Reviewer Andrew Meritt Date 10/10/13

37-8774 Point of Diversion and Place of Use Map

Esri Imagery



37-8774 Point of Diversion and Place of Use Photo



View looking east to southeast, showing pond (approximately 0.09 acre in size and three to four feet deep) described by 37-8774. The pond is excavated in a flat area but two channels capable of carrying water were observed on the northwest and northeast corner of the pond. This general area drains to the southeast eventually entering the Schooler Creek drainage before entering the Thorn Creek drainage approximately eight miles below this location. Also note the tracks and other signs of livestock use in the bottom of the pond and surrounding area.