

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8770

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

SPRING CREEK

TRIBUTARY

CAMAS 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:**

SPRING CREEK

SW1/4NE1/4

Sec. 21, 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	21		X	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 reservoir = 0.031 acres (per GIS shape file for reservoir boundary using Esri aerial photography)
- Average depth of the reservoir was estimated at approximately 2.0 feet (per field observation)

Capacity = Surface area x average depth = 0.031 acres x 2.0 feet = 0.062 acre-feet (Round up to 0.1 acre-feet)

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 37-8770 was filed January 21, 1992 and the permit was issued November 17, 1995 for 1.0 acre-feet of stockwater storage use on Spring Creek (tributary to Camas Creek) and Hash Spring (tributary to Spring Creek) southeast of Fairfield. 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 37-8770.

The system consists of an earth embankment constructed across the Spring Creek channel forming a small reservoir approximately 9.3 miles southeast of Fairfield. The embankment and reservoir are located approximately 250 feet downstream of Hash Spring (per USGS quadrangle). Since water is not physically diverted from Hash Spring it is recommended that 37-8770 be licensed with only Spring Creek as a source (on stream storage). The average depth when the reservoir was full was estimated at approximately two feet. As indicated in the volume calculations above, the reservoir capacity is estimated at approximately 0.062 acre-feet, which would round to 0.1 acre-feet. Signs of livestock use were observed during the field exam. Examination of aerial photography and GIS indicates that the reservoir is actually located in two tracts (NWNE and SWNE), but the reservoir was only permitted in one tract (SWNE). For this reason, a licensing amendment and fee is required to correct the place of use. Recently, a signed licensing amendment and fee were received which allows for the licensing of 37-8770. It is recommended that license 37-8770 be issued for 0.1 acre-feet of stockwater storage.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

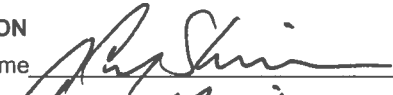
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER STORAGE	01/01 to 12/31	N/A	0.10 AF
<u>Totals:</u>		N/A	0.10 AF

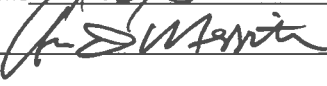
2. Recommended Amendments

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

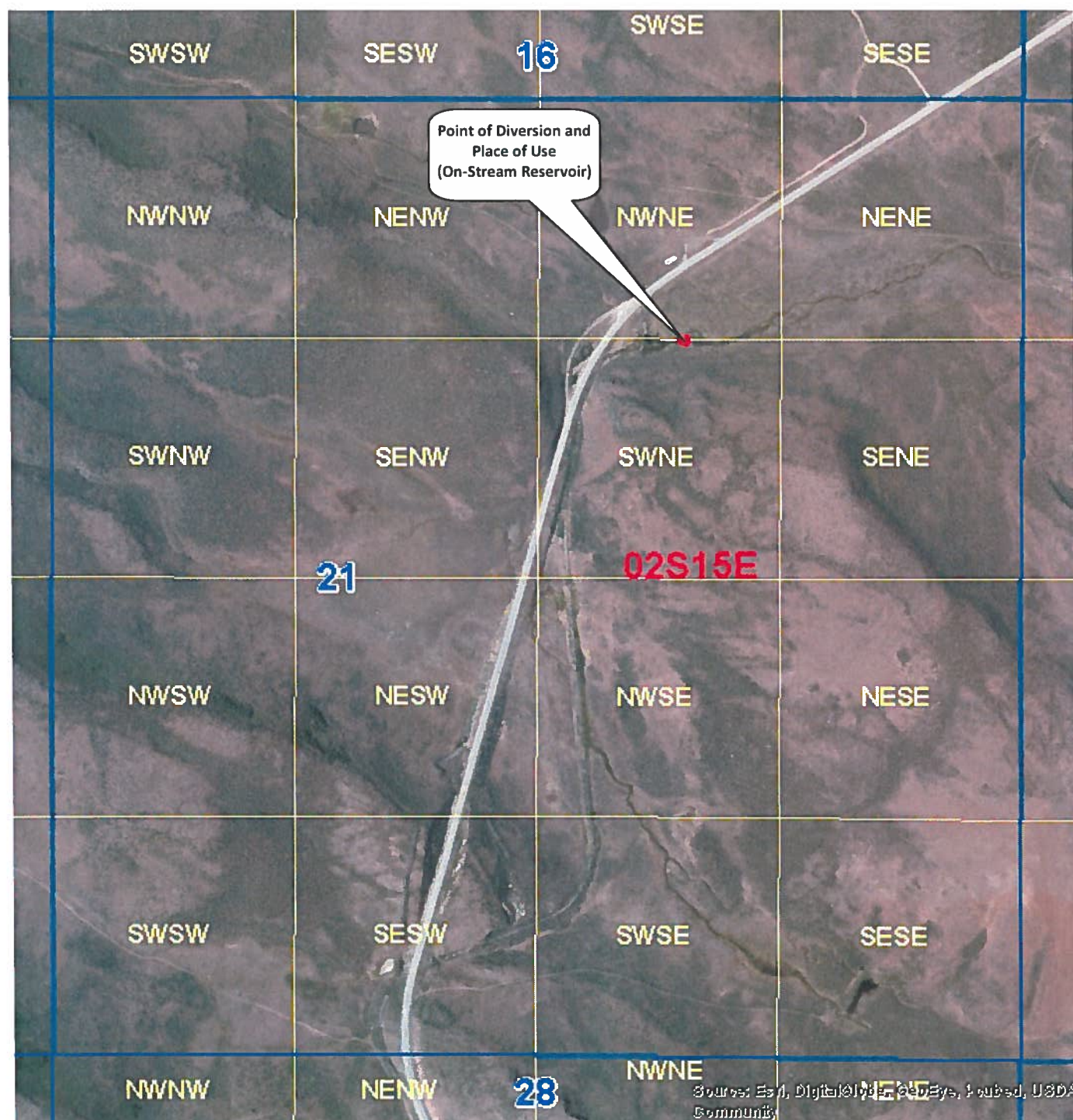
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

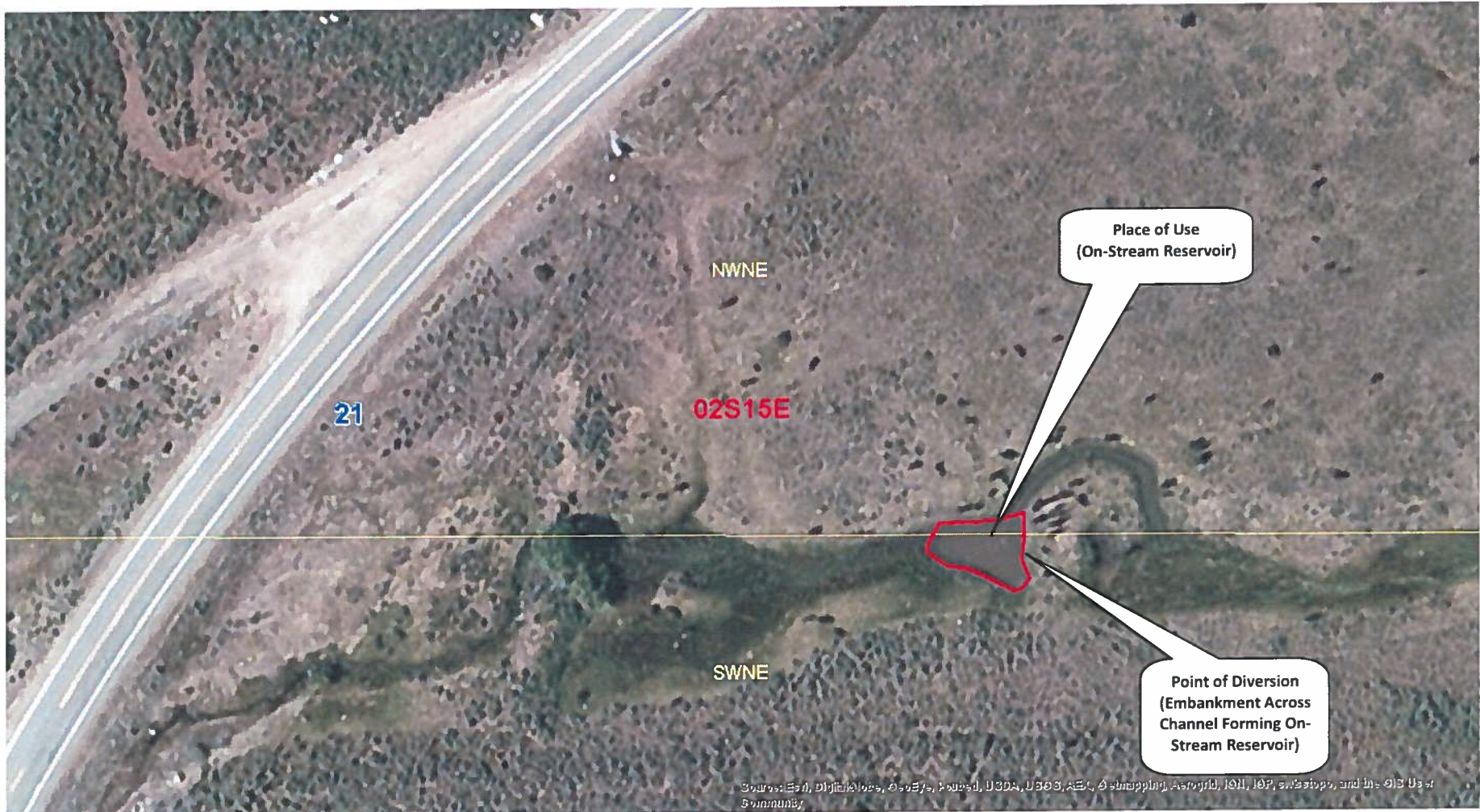
Field Examiner's Name  Date 4/1/2014

Reviewer  Date 6/3/2014

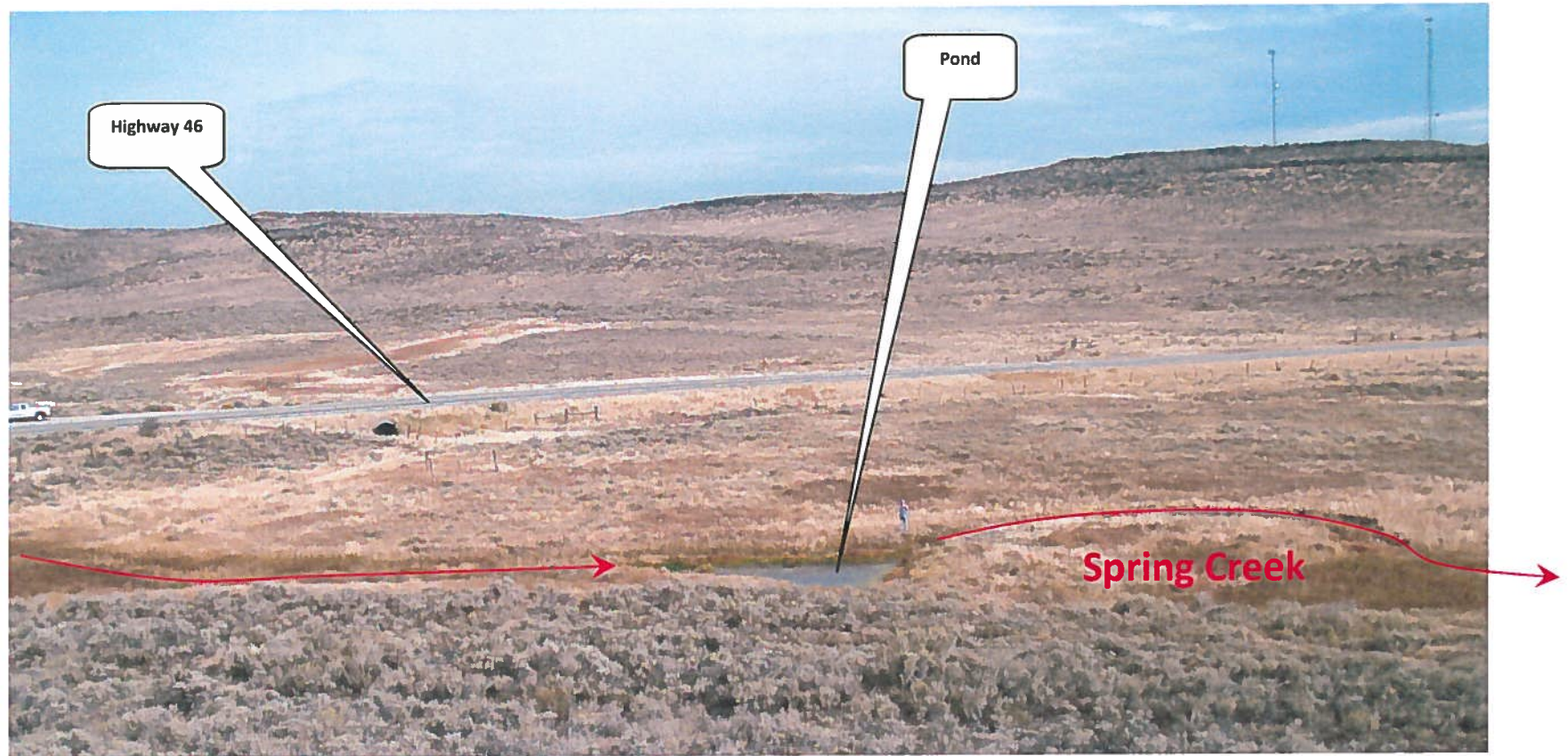
Esri Imagery



Esri Imagery



37-8770 Point of Diversion and Place of Use Photo



View looking northwest showing pond (approximately 0.031 acre in size and two feet deep) described by 37-8770. The pond is located on Spring Creek, approximately 250 feet downstream of Hash Spring, and formed by a small embankment. This general area drains to the east into Mchan Reservoir. Evidence of livestock use was observed in the area surrounding the pond.