

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8771

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

SPRING 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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM

SE1/4SE1/4

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
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02S	15E	21																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 = 0.33 acres (per GIS shape file for reservoir boundary using Esri aerial photography)
- Average depth of the reservoir was estimated at approximately 3.0 feet (per field observation)

Capacity = Surface area x average depth = 0.33 acres x 3.0 feet = 0.99 acre-feet (Use permitted amount of 1.00 acre-feet)

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 37-8771 was filed January 21, 1992 and the permit was issued November 17, 1995 for 1.0 acre-feet of stockwater storage use on an unnamed stream 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 37-8771.

The system consists of an earth embankment constructed across an unnamed channel approximately ten miles southeast of Fairfield. Water in the unnamed channel is tributary to the Spring Creek drainage. An open channel spillway exists on the left (south) end of the embankment. The embankment was estimated at approximately five feet in height (downstream toe to embankment crest) and the average depth when the reservoir was full was estimated at approximately three feet. As indicated in the volume calculations above, the reservoir capacity is estimated at approximately 1.0 acre-feet, which corresponds to the permitted amount. The Esri aerial photography appears to indicate several livestock trails running to and from the reservoir. It is recommended that license 37-8771 be issued for 1.0 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	1/01 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

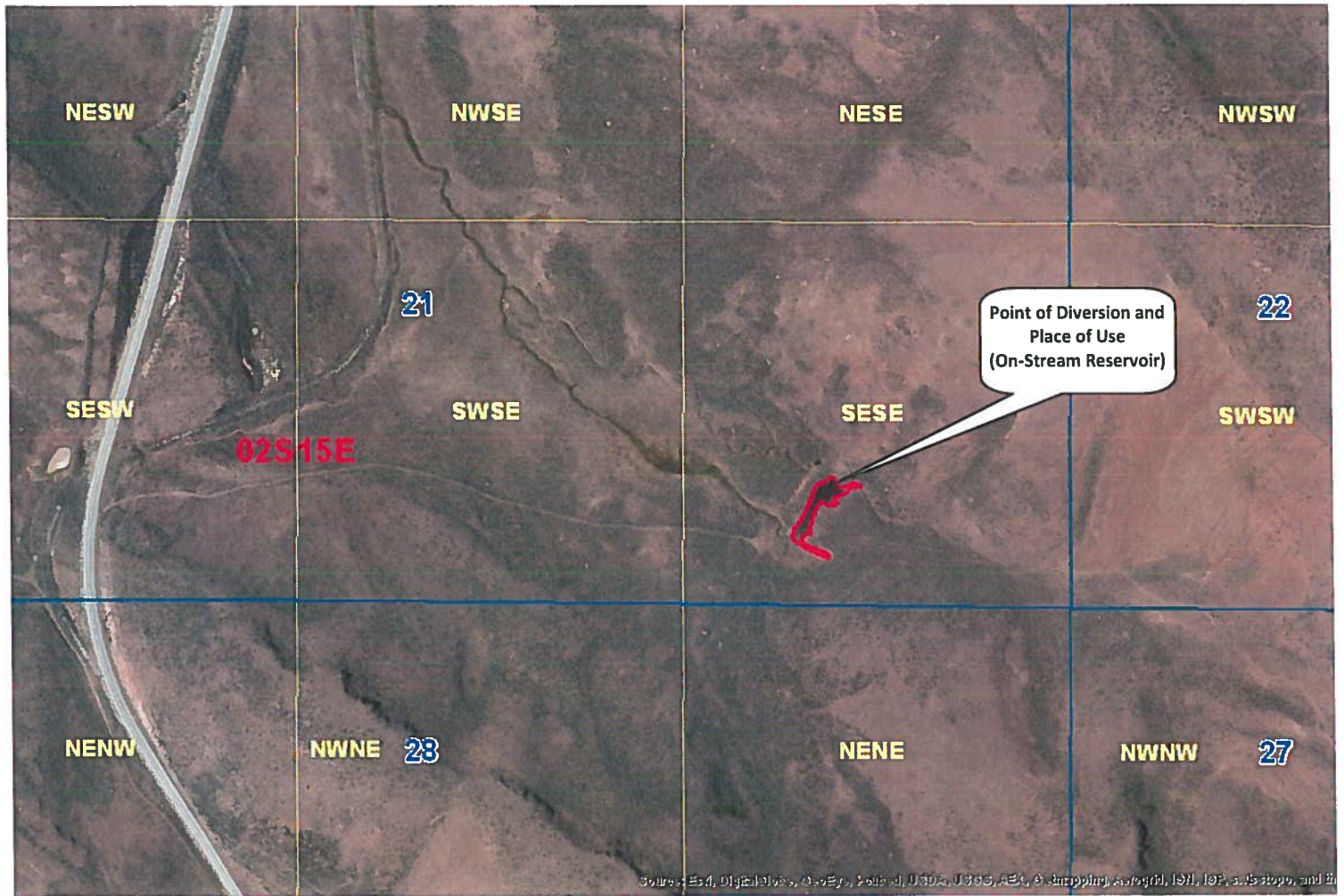
I. AUTHENTICATION

Field Examiner's Name  Date 9/23/2013

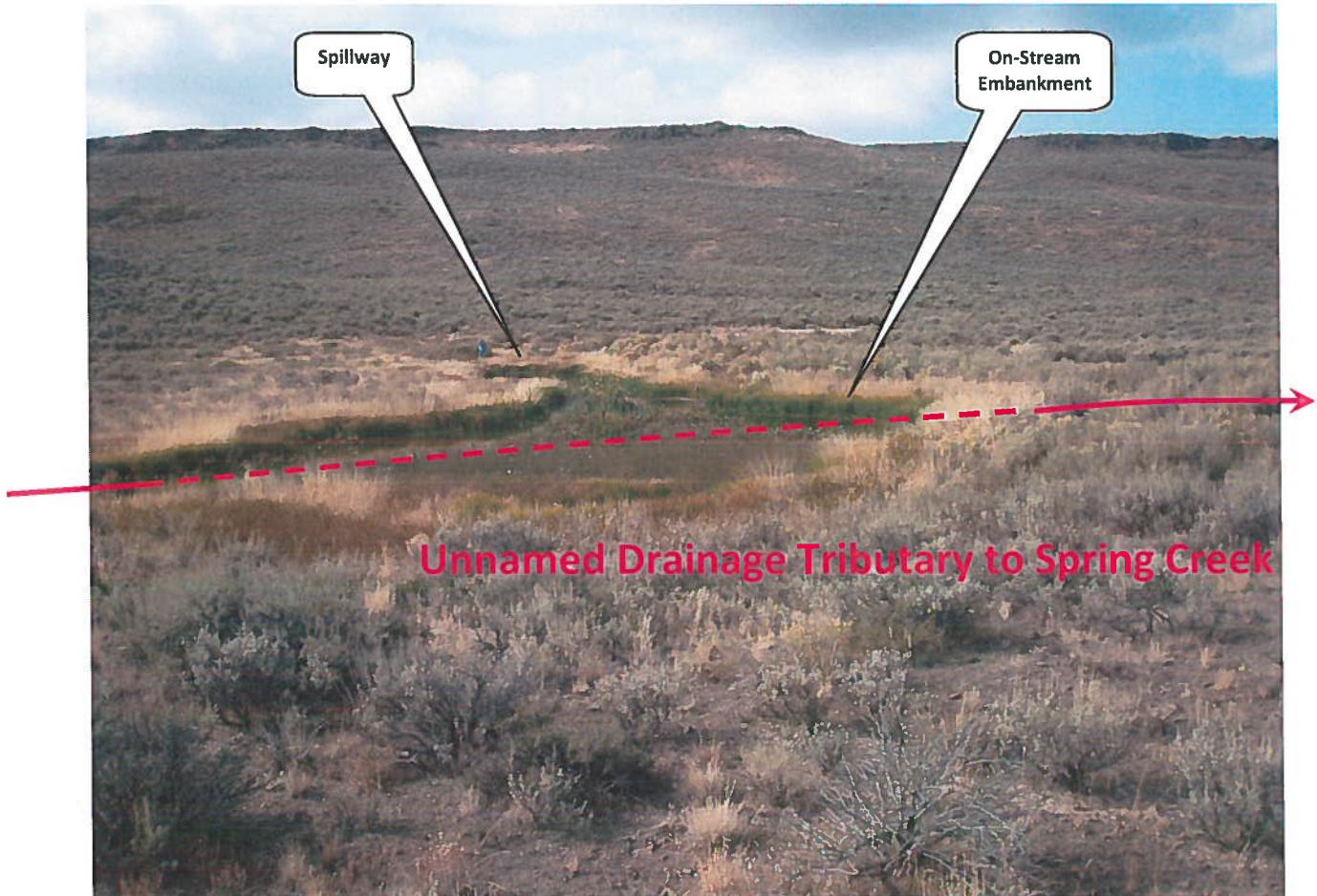
Reviewer  Date 10/10/2013

37-8771 Point of Diversion and Place of Use Map

Esri Imagery



37-8771 Point of Diversion and Place of Use Photo



View looking south to southwest showing the on-stream reservoir described by 37-8771. The unnamed drainage (tributary to Spring Creek) flows left to right in this view. Jeannie Robertson (IDWR) is standing near the spillway at the far left (south) end of the embankment. Estimated storage capacity of this particular reservoir is approximately 1.0 acre-feet.