

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8776

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
CAMAS County

SE1/4SE1/4NW1/4

Sec. 21, Twp 02S, Rge 15E, B.M.

Method of Determination: GIS and aerial photography

2.

PLACE OF USE: STOCKWATER STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
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 = 0.08 acres (per GIS shape file for reservoir boundary using Esri aerial photography)
- Average depth of the reservoir was estimated at approximately 4.0 feet (per field observation)

Capacity = Surface area x average depth = 0.08 acres x 4.0 feet = 0.32 acre-feet (Use permitted amount of 0.20 acre-feet)

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 37-8776 was filed January 21, 1992 and the permit was issued November 17, 1995 for 0.20 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 37-8776.

The system consists of an earth embankment constructed across the confluence of two unnamed channels approximately 9.3 miles southeast of Fairfield. Water in the unnamed channels is tributary to the Spring Creek drainage. A 10" diameter overflow pipe exists through the embankment near the northwest corner of the reservoir. It was also observed that a possible overflow channel existed through the embankment on the north side of the reservoir. However, this channel may have also been the remnant of an old embankment breach. The average depth when the reservoir was full was estimated at approximately four feet. As indicated in the volume calculations above, the reservoir capacity is estimated at approximately 0.32 acre-feet, which exceeds the permitted amount of 0.20 acre-feet. During the exam it was noted that there were cattle tracks in the dry reservoir bottom. It is recommended that license 37-8776 be issued for 0.20 acre-feet of stockwater storage.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

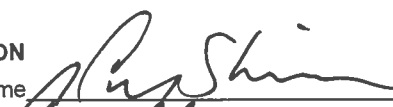
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER STORAGE	1/01 to 12/31	N/A	0.20 AF
<u>Totals:</u>		N/A	0.20 AF

2. Recommended Amendments

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

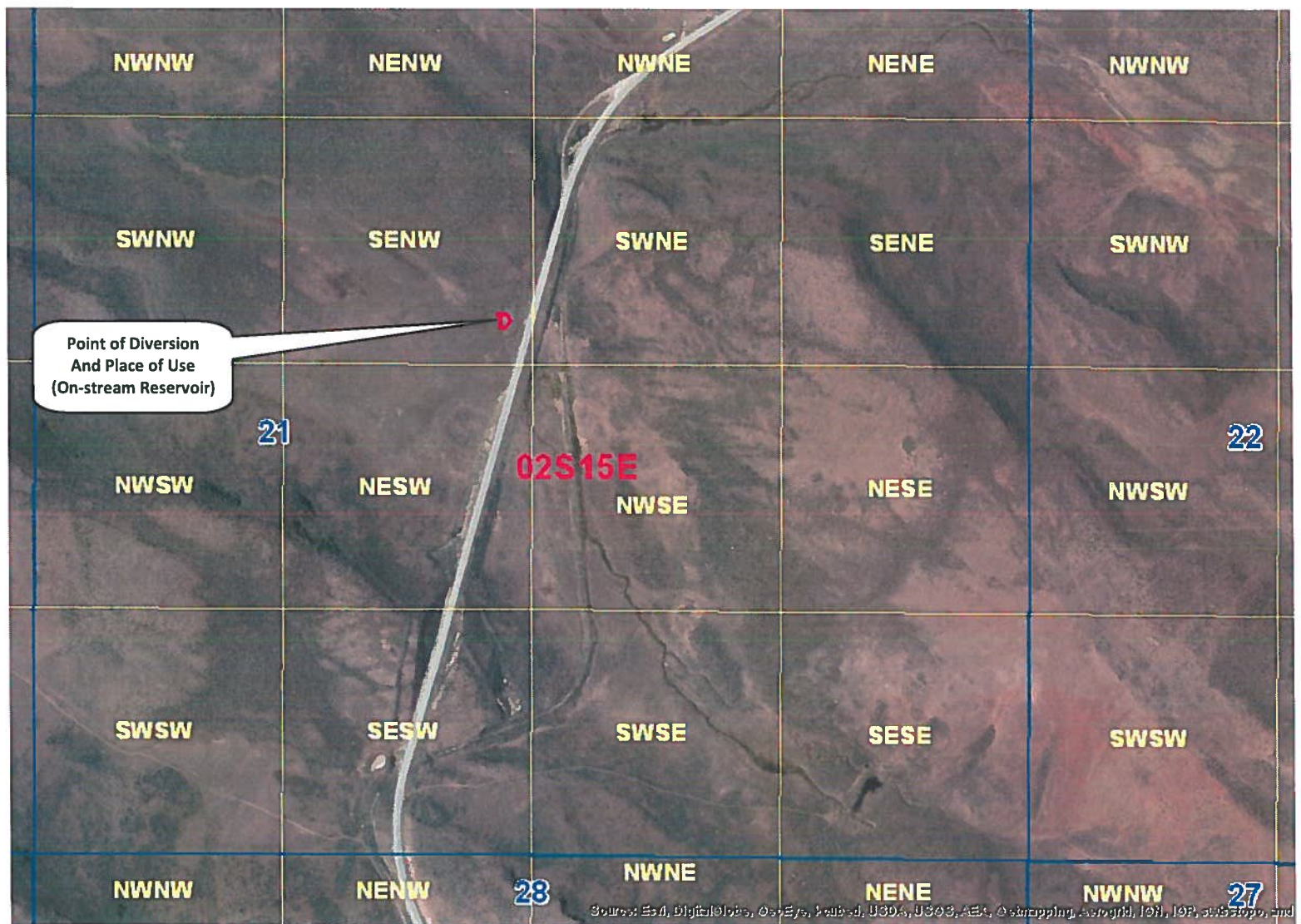
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

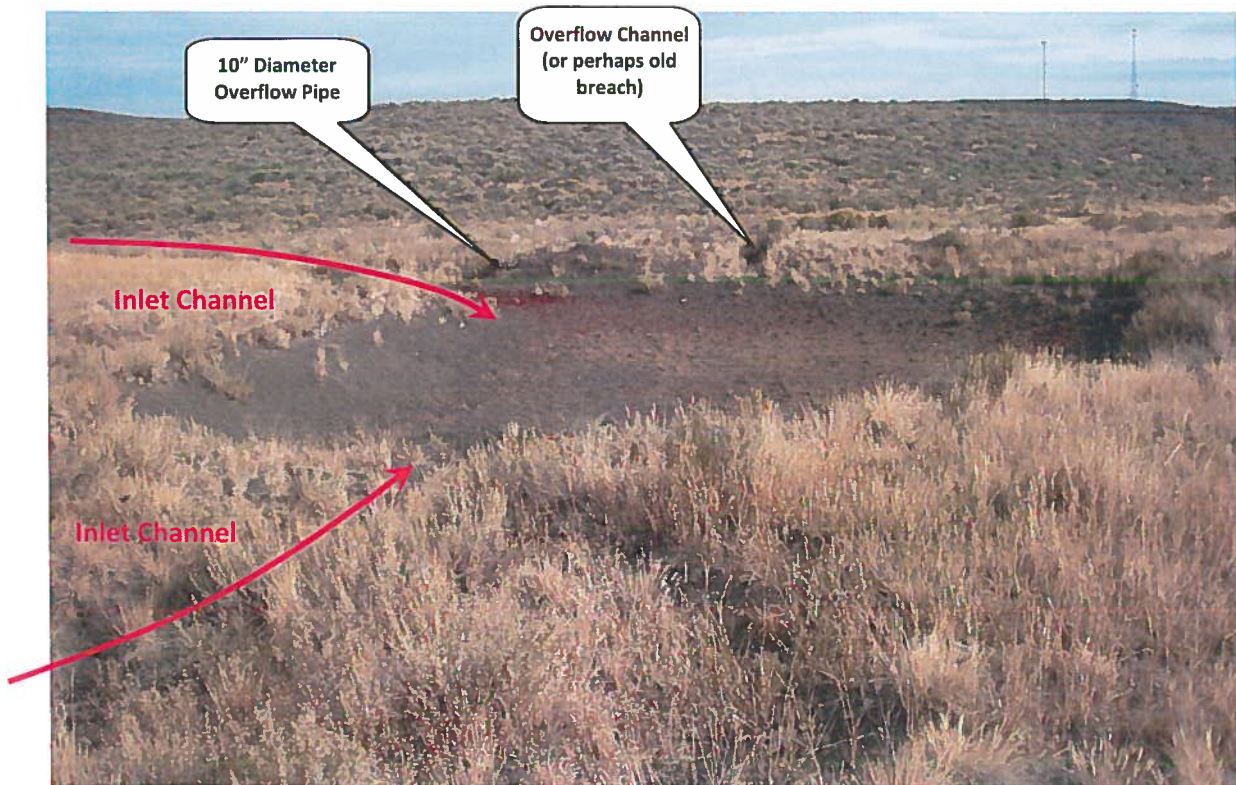
Field Examiner's Name  Date 9/24/13

Reviewer  Date 10/10/13

37-8776 Point of Diversion and Place of Use Map



37-8776 Point of Diversion and Place of Use Photos



ABOVE: View looking north showing small embankment and reservoir (≈ 0.08 acres) that serve as the place of use and point of diversion for 37-8776.

BELOW: View looking west across the 37-8776 reservoir.

