

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8773

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**UNNAMED STREAM
CAMAS County

SE1/4SE1/4SE1/4

Sec. 28, Twp 02S, Rge 15E, B.M.

Method of Determination: Field observation, 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	27											X						
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 = 0.126 acres (per GIS shape file for pond boundary using Esri aerial photography)
- Average depth of the pond was estimated at approximately 4.0 feet (per field observation)

Capacity = Surface area x average depth = 0.126 acres x 4.0 feet = 0.504 acre-feet (Use permitted amount of 0.2 acre-feet)

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 37-8773 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 "Mud Spring 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 37-8773.

The system consists of an excavated pond and small embankment constructed across an unnamed channel approximately 10.9 miles southeast of Fairfield. During the exam, it was noted that the pond is located approximately 100 yards downstream of Mud Spring. Note that this places the point of diversion and the majority of the place of use in a different section than what was permitted (licensing amendment required). 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 7.5 miles below the pond. The pond was estimated to have a depth of four feet. As indicated in the volume calculations above, the reservoir capacity is estimated at approximately 0.5 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 observed in the area surrounding the pond. It is recommended that license 37-8773 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 "Mud Spring tributary to Thorn Creek". Because of the change in source, point of diversion, and place of use a licensing amendment and fee were solicited from the permit holder. The signed amendment and fee were recently received from the permit holder allowing for the licensing of 37-8773.

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	0.20 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

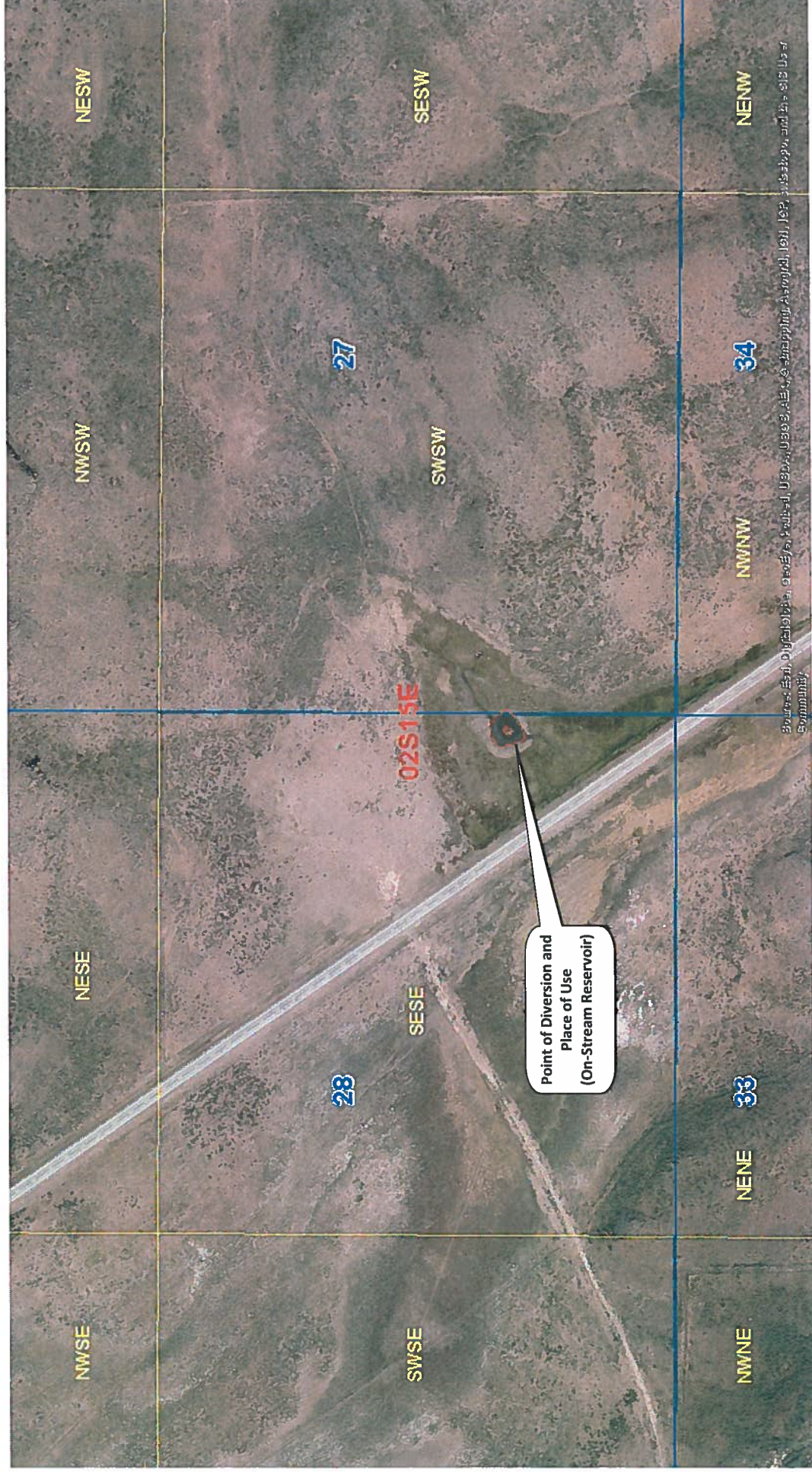
I. AUTHENTICATION

Field Examiner's Name *Ray Shinn* Date 3/31/2014

Reviewer *Chris Mervin* Date 6/3/2014

37-8773 Point of Diversion and Place of Use Map

Esri Imagery



37-8773 Point of Diversion and Place of Use Photo



View looking west showing pond (approximately 0.126 acre in size and four feet deep) described by 37-8773. The pond is located on stream and formed by excavation and a small embankment around the south, west, and north sides. 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. Evidence of livestock use was observed in the area surrounding the pond.