

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7492

Exam Date: 9/28/2012

1. Current Owner: R CARL SWAINSTON
135 N 800 E
PRESTON ID 83263
(208)852-0698
2. Accompanied by: n/a
Phone No:
Address:

3. **SOURCE**
SPRING

TRIBUTARY
BEAR RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: No other stockwater rights at place of use.
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

SPRING SE1/4NE1/4SE1/4 Sec. 7, Twp 16S, Rge 39E, B.M. FRANKLIN County

Method of Determination: GPS

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16S	39E	7																	X

Method of Determination: Site visit and aerial photography.

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

D. FLOW MEASUREMENTS

1. Measurements: No measurement taken. Flow in trough appeared to be more than 0.02 cfs.

E. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

Standard stockwater volumes used.

$$200 \text{ cattle} \times 12 \text{ gal/day} \times 244 \text{ days} = 585,600 \text{ gallons} = 1.8 \text{ acre-feet per year}$$

G. NARRATIVE/REMARKS/COMMENTS

Spring water used to fill multiple stock troughs. No shutoff system installed or working on the troughs, so the water overflows creating a shallow pond in the corral area. Other troughs located in the SESE of Section 7, visible from aerial photography. Could not locate spring box. Parts of the hillside covered with thick vegetation, 5 feet tall. Evidence confirms spring development.

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	10/01 to 05/31	0.020 CFS	1.80 AF
<u>Totals:</u>		0.020 CFS	1.80 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

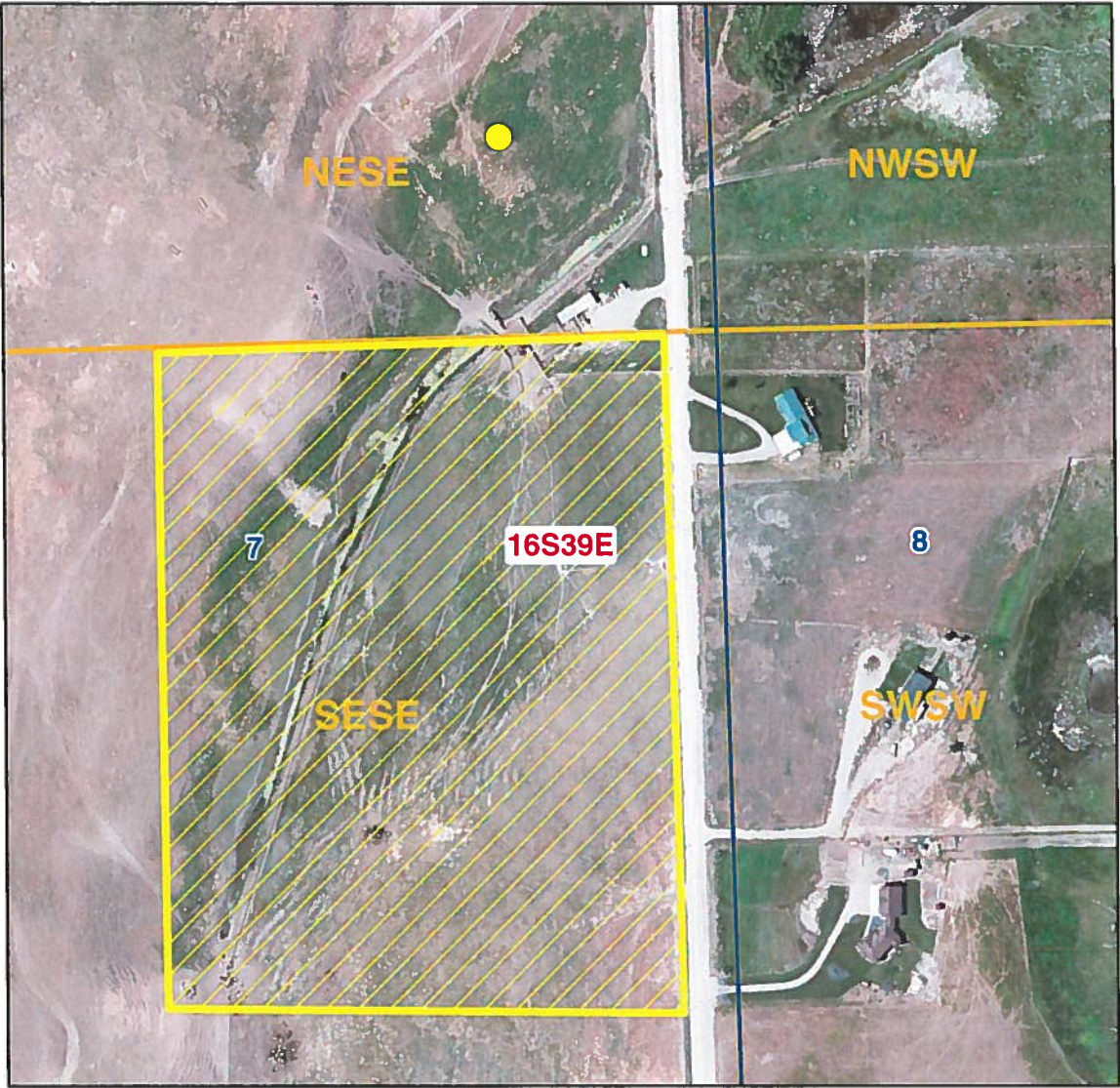
Field Examiner's Name James Cefalo Date Oct 1, 2012

Reviewer _____ Date _____

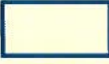




13-7492 (Swainston)



Legend

-  Water Right POD
-  Water Right POU
-  Township/Range
-  Sections
-  QQ

0 400 800
Feet



2010 Aerial Photography