

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8764

Exam Date: 5/23/2013

1. Current Owner: KAREN Y OLSON

And

CLARE M OLSON
PO BOX 136
HILL CITY ID 83337
(208)764-2588

2. Accompanied by: Corey Skinner and Clare Olson

Phone No: 208-764-2588

Address: PO Box 136

Relationship to Permit Holder: IDWR staff and Permit Holder

3. SOURCE

SPRINGS

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-13272 (same POU different spring) & 37-7456 (irrigation only)
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

SPRINGS SE1/4SW1/4SE1/4 Sec. 14, Twp 02S, Rge 11E, B.M.

ELMORE County

SPRINGS SE1/4NW1/4NE1/4 Sec. 23, Twp 02S, Rge 11E, B.M.

ELMORE County

Method of Determination: **GPS points at time of field exam.**PLACE OF USE: STOCKWATER

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	11E	14															X		
02S	11E	23		X															

PLACE OF USE: DOMESTIC

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	11E	14															X		

Method of Determination: **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

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
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N/A

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

A measurement was taken from the house spring with a bucket and stopwatch. The 1- gallon bucket filled in 25 seconds resulting in an approximate flow of 0.01 cfs . A measurement at the Stockwater Spring was unattainable but appeared to be approximately the same flow rate as the House Spring. Recommend flow rate of 0.02 cfs for both domestic and stockwater use.

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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2. Measurements:

E. FLOW CALCULATIONS

_____Additional Computation Sheets Attached

Measured Method:

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:

A volume estimate is not required for domestic uses per new Beneficial Use Examination Rules implemented 3/29/2012.

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 37-8764 was filed on February 5, 1992 for the appropriation of 0.13 cfs of water from two springs for domestic and stockwater uses. Permit 37-8764 was issued on January 27, 1992 and Proof of Beneficial Use was filed on September 9, 1992. An amendment was filed after it was discovered that both springs had been permitted in the wrong tract and the NWNE of section 23 needed to be added as a place of use.

The system consists of two springs that service the home, shop and bunkhouse and stockwater troughs located throughout the property. A measurement was taken from the house spring with a bucket and stopwatch. The 1-gallon bucket filled in 25 seconds resulting in an approximate flow of 0.01 cfs. A measurement at the stockwater spring was unattainable but appeared to be approximately the same flow rate as the House Spring. **Recommend combined flow rate of 0.02 cfs for both domestic (0.01 cfs) and stockwater (0.01 cfs) use.**

A volume estimate is not required for domestic uses per new Beneficial Use Examination Rules implemented 3/29/2012.

Note overlapping water right 37-13727 for domestic and stockwater uses was filed for an old camp trailer and separate stock troughs in the SWSE of section 14 from a different spring. Water right 37-7456 is for irrigation of 475 acres from a ground water well and covers most of the landscaping around the home, shop and corrals. (It should also be noted that there is a ½ acre of irrigation under this right.)

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>
STOCKWATER	01/01 to 12/31	0.010 CFS
DOMESTIC	01/01 to 12/31	0.010 CFS
<u>Totals:</u>		0.020 CFS

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 Sara Reeder Date 6/11/13

Reviewer [Signature] Date 6/24/13

FE

04-24-2013

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report 37-8764

WATER RIGHT NUMBER: 37-8764

Owner Type: Name and Address
Current Owner KAREN Y OLSON
PO BOX 136
HILL CITY, ID 83337
(208) 764-2588

Current Owner CLARE M OLSON
PO BOX 136
HILL CITY, ID 83337
(208) 764-2588

Priority Date: 8/23/1991

Status: Active

Source:
SPRINGS

Beneficial Use:

STOCKWATER
DOMESTIC

Tributary:
SINKS

From / To Diversion Rate Annual Volume
1/01 to 12/31 0.070 CFS
1/01 to 12/31 0.060 CFS
Total Diversion 0.130 CFS

Location of Point(s) of Diversion:

SPRINGS NWSESE Sec. 14, Twp 02S, Rge 11E B.M. ELMORE County
SPRINGS NWNENE Sec. 23, Twp 02S, Rge 11E B.M. ELMORE County

Place of Use:

STOCKWATER within ELMORE County

			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02S	11E	14																	X

Conditions of Approval:

- 26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
- 005 Use of water under this right is subject to control by the watermaster of State Water District No. & DISTRICT.
- Domestic use is for 2 homes.
Stockwater use is for 300 range cattle.

Dates and Other Information:

Permit Proof Due Date: 2/1/1994
Permit Proof Made Date: 9/9/1992
Permit Approved Date: 1/27/1992
Water District Number: 37
Mitigation Plan: False
Combined Use Limits: N/A
SubCase: N/A
Water Supply Bank: N/A

add
Stock POU
NW NE of Section 23



N.
Stock water
Spring



Stock & Troughs



