

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-21411
Exam Date: 5/9/2012
(6/23/2016)

1. Current Owner:
EUGENE HOLMAN PO BOX 1477 SUN VALLEY ID 83353 (208)788-3217

2. Accompanied by: NA
Phone No:
Address:
Relationship to Permit Holder:

3. **SOURCE:** SPRING **TRIBUTARY:** SINKS

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:**

SPRING NW¼NE¼SW¼ Sec. 2, Twp 01N, Rge 18E, B.M. BLAINE 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	
01N	18E	2									X								

Method of Determination: observation at place of use

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
NA					

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
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NA						
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2. Measurements:

E. FLOW CALCULATIONS

Measured Method:

_____ Additional Computation Sheets Attached

1" abs pipe

Slope = 0.0730

Roughness Coefficient = 0.009

Manning's Equation
 $1.49 (1/0.009) * 0.0055 * (0.04165^{2/3}) * \sqrt{0.0730} = \sim 0.0295$

Diversion capacity 0.03 cfs

Field Examiners Handbook allows 0.02 cfs for 1-25 head of horses
 According to the permit holder 6 horses are kept at the place of use

Recommended Rate: 0.02 cfs**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: NA

 $V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$ $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$

2. Volume Calculations for Other Uses:

Field Examiners Handbook: Horses 12 GPD/Head

6 horses X 12 X 365 = 26,280 gallons

 $26,280 / 325,851 = 0.08 \text{ AF}$ Recommended Volume: 0.1 AF**G. NARRATIVE/REMARKS/COMMENTS**

A fenced spring in T1N R18E Section 2 NWNESW, provides stockwater to a 70 gallon trough. A section perforated corrugated pipe buried approximately 7 feet in the ground collects water. From the spring water flows through a 1 inch pipe approximately 100 feet to the southeast. The system includes an encased shut off valve located within two feet of the trough. There is also a ball valve within the trough.

Have conditions of permit approval been met? X 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	01/01 to 12/31	0.02 CFS	0.1 AF
	<u>Totals:</u>	0.020 CFS	0.10 AF

2. Recommended Amendments

_____ Change P.D. as reflected above _____ Add P.D. as reflected above X None

_____ Change P.U. as reflected above _____ Add P.U. as reflected above X None

I. AUTHENTICATION

Field Examiner's Name Samuel Thiel Date 6/30/2016

Reviewer _____ Date _____

State of Idaho
Department of Water Resources
Water Right License
37-21411

This map depicts the STOCKWATER place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

18E

01N



USDA-FSA Aerial Photography



Point of Diversion

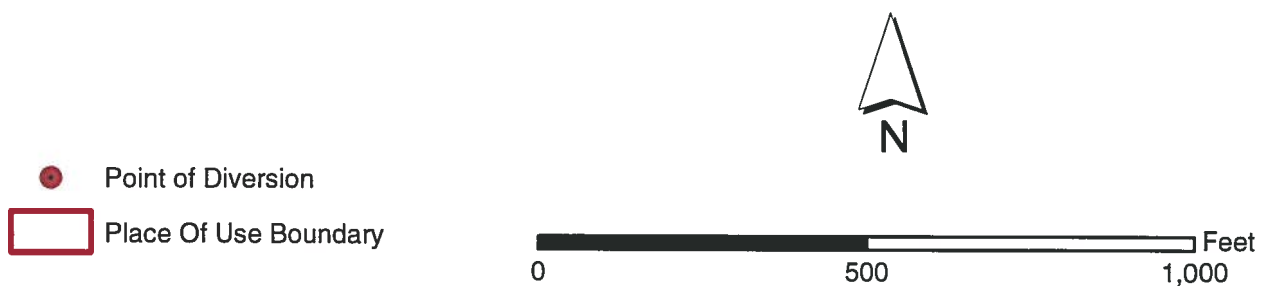
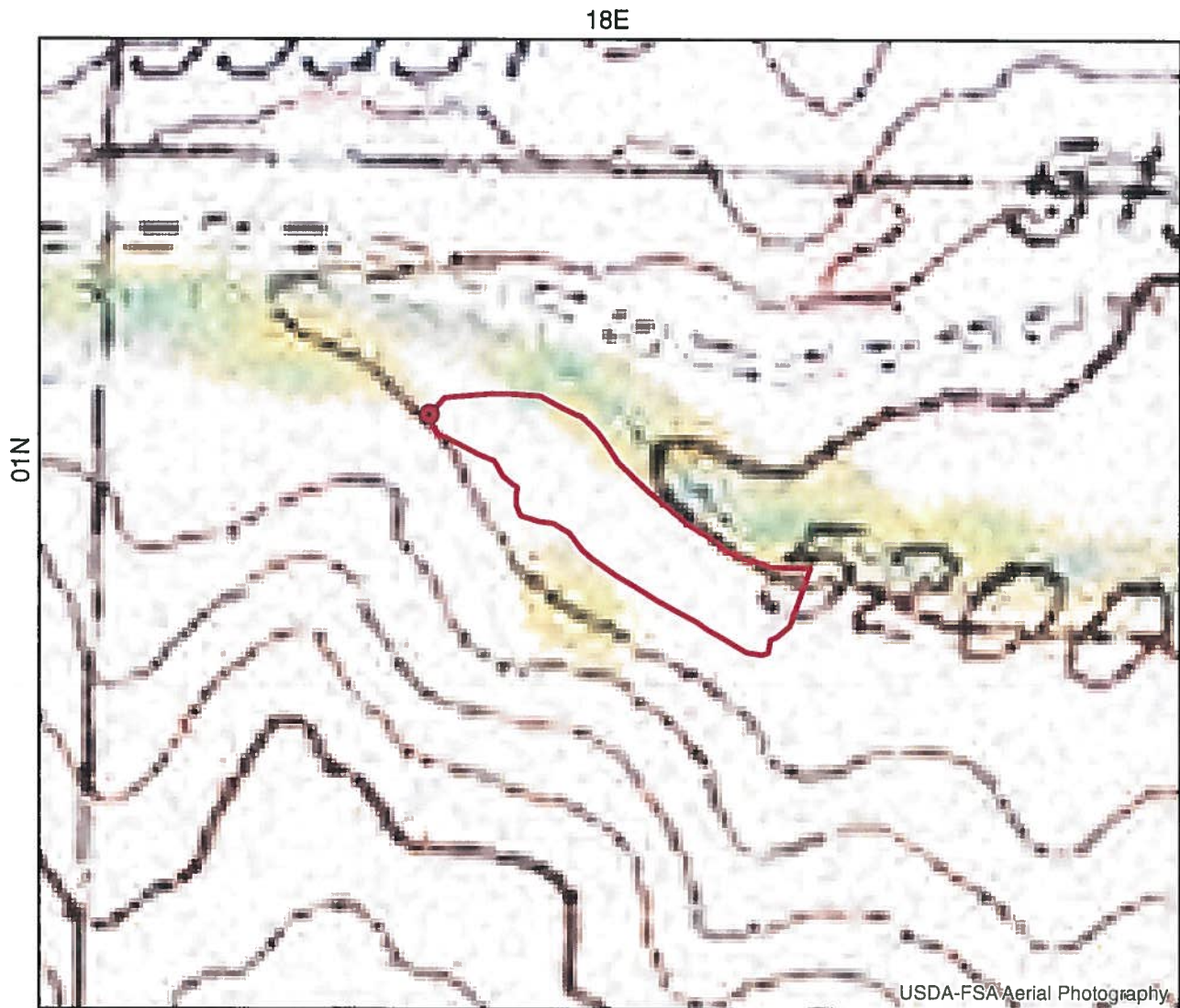


Place Of Use Boundary

0 500 1,000 Feet

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System for Water Right 37-21411

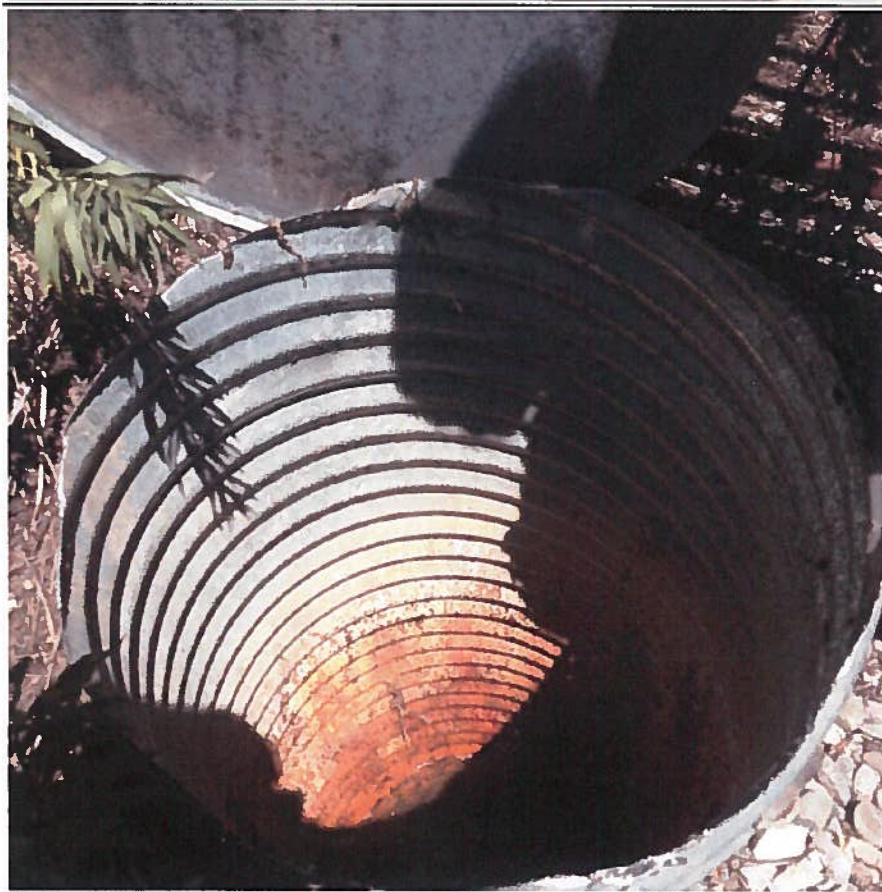


A fenced spring in T1N R18E Section 2 NWNESE, provides stockwater to a 70 gallon trough. Water flows from the spring through a 1 inch pipe approximately 100 feet to the southeast. The system includes an encased shut off valve located within two feet of the trough. There is also a ball valve within the trough

PHOTOGRAPHER AND DATE OF PHOTOS Cherie Palmer, June 23, 2016 (5/9/2012)



Tag A0019166

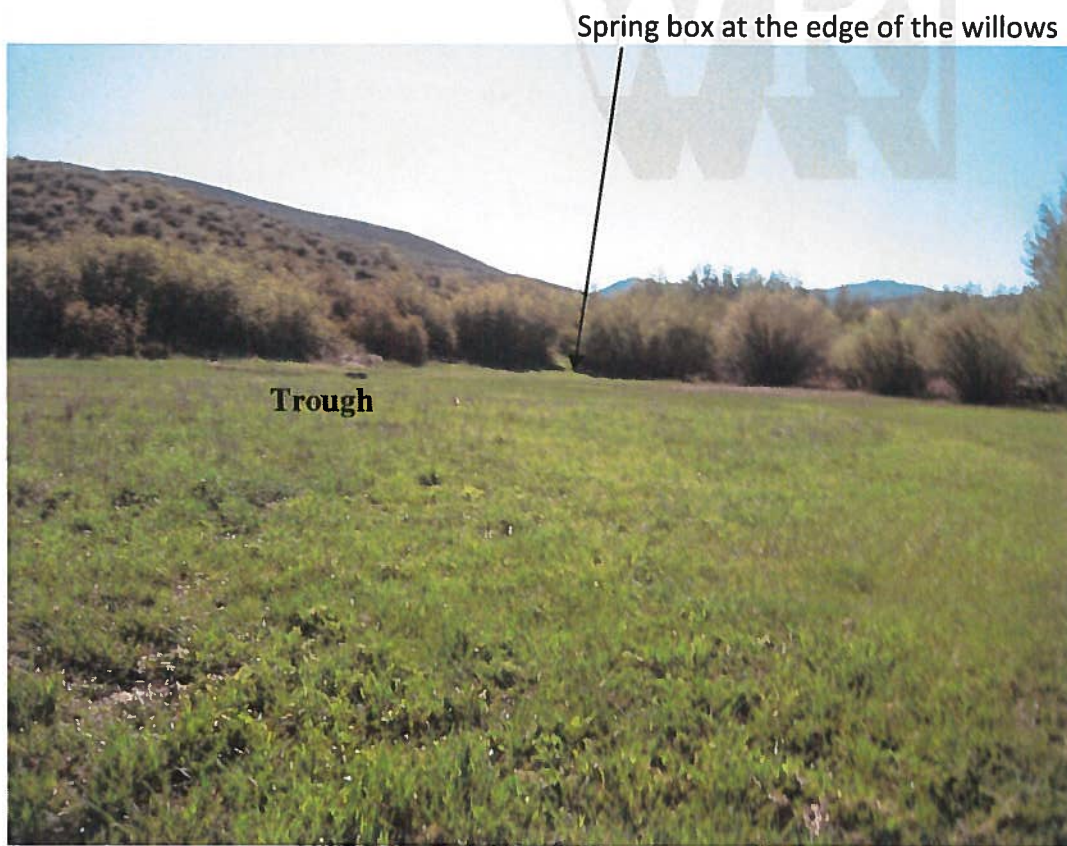


Spring box



Water trough with ball valve

Shut off valve



Spring box at the edge of the willows

Trough

Eugene Holman
P.O. Box 1477
Sun Valley, ID 83353
(208) 788-3217

RECEIVED

MAY 24 2012

DEPARTMENT OF
WATER RESOURCES

MAY 24, 2012

Dan Sherie:

Enclosed is a picture of The "Shut-off Valve"
I put on the Spring Block. This is what we
discussed on your Trip here.

I showed you all the wet lands on this
Property and I believe there will always be
wet lands on this property.

Sincerely

Gene Holman





State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: www.idwr.idaho.gov

May 2, 2012

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

EUGENE HOLMAN
PO BOX 1477
SUN VALLEY ID 83353

RE: Field Examination of Water Right Permit No. 37-21411

Dear Mr. Holman:

This letter is to confirm our appointment on Wednesday May 9th at 5 pm. As we discussed on the phone, I will meet you at your home at that time to inspect your stockwater permit.

Thank you very much for your time and I look forward to our meeting on the 9th. If anything comes up you may reach me at (208) 287-4944.

Sincerely,

A handwritten signature in cursive script that reads "Cherie Palmer". The signature is written in dark ink and is positioned above the printed name and title.

Cherie Palmer, Sr. Water Resource Agent
Water Allocation Bureau