

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-13928

Exam Date: 8/13/2013

1. Current Owner: JOHN HAUCK
30 W HORIZON DRIVE
BOISE ID 83702
(208)941-8438

KRIS HAUCK
30 W HORIZON DRIVE
BOISE ID 83702
(208)941-8438
2. Accompanied by: John and Kris Hauck
Phone No: Same
Address: Same
Relationship to Permit Holder:

3. SOURCE TRIBUTARY
GROUND WATER

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

GROUND WATER SW1/4NW1/4 Sec. 27, Twp 18N, Rge 03E, B.M.
VALLEY County

Method of Determination: Arc Map (Aerial Photo); GPS – Latitude N.44°52.215', Longitude W.116°05.120'; Datum – NVD83.

2.

PLACE OF USE: IRRIGATION

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>	
18N	03E	27							6.0										6.0

Total Acres: 6

Method of Determination: Arc Map (Aerial Photo); Tax Lots.

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 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 Size</u>
<u>D0015246</u>	<u>Unknown</u>	<u>10</u>	<u>Unknown</u>	<u>Unknown</u>	<u>Unknown</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
<u>N/A</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

2. Measurements: No field measurement. Irrigation system not in operation during the field exam.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: (Theoretical Horsepower Equation)

$$Q = 8.8 \times 0.7 \times 10/250 + (2.31 \times 40) = 61.6/342.4 = 0.18 \text{ cfs}$$

$$Q(\text{theoretical}) = 0.18 \text{ cfs} > 0.12 \text{ cfs } Q(\text{permit})$$

$$HP = 10$$

$$Z = 250' \text{ (Estimated per pump
Installers information)}$$

$$P = 40 \text{ psi (Assumed)}$$

Appears that the current pumping system can attain the permit diversion rate of 0.12 cfs.

Recommend the permit diversion rate of 0.12 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 6.0 \times 3.0 = 18.0 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.12 \times 200 \times 1.9835 = 47.6 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 18.0 \text{ AFA}$$

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS**WATER SUPPLY SYSTEM:**

A 10-hp submersible pump diverts ground water for irrigation of 6.0 acres of pasture land.

IRRIGATION SYSTEM:

The pressurized irrigation system is comprised of 12 stations. Each station operates two (2) Weathertec sprinklers with 3/8" nozzles. The sprinklers are attached to 1" galvanized pipe risers. The pipe risers are attached to fence posts near the fence lines. The pasture areas contain several trees. The trees are fenced to protect from damage by livestock. The trees are irrigated by 1" perforated PVC pipe placed around the trees.

OVERLAP ANALYSIS:

Point of Diversion: There are no point of diversion overlaps for Water Right Permit No. 65-13928.

Place of Use: There are no place of use overlaps for Water Right Permit No. 65-13928.

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

RATE &/OR STORAGE RECOMMENDED FOR LICENSING

Description	Rate of Flow (cfs)		Storage (af)
Permit Amount	0.12	&/or	N/A
Beneficial Use Limit	0.12	&/or	N/A
System Measurement	0.18(theoretical)	&/or	N/A
Proof Fee Amount	0.20	&/or	N/A
Recommended Amount	0.12	&/or	N/A

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	4/15 to 10/31	0.120 CFS	18.00 AFA
<u>Totals:</u>		0.120 CFS	18.00 AFA

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 Rick Collingwood Date 2/7/14

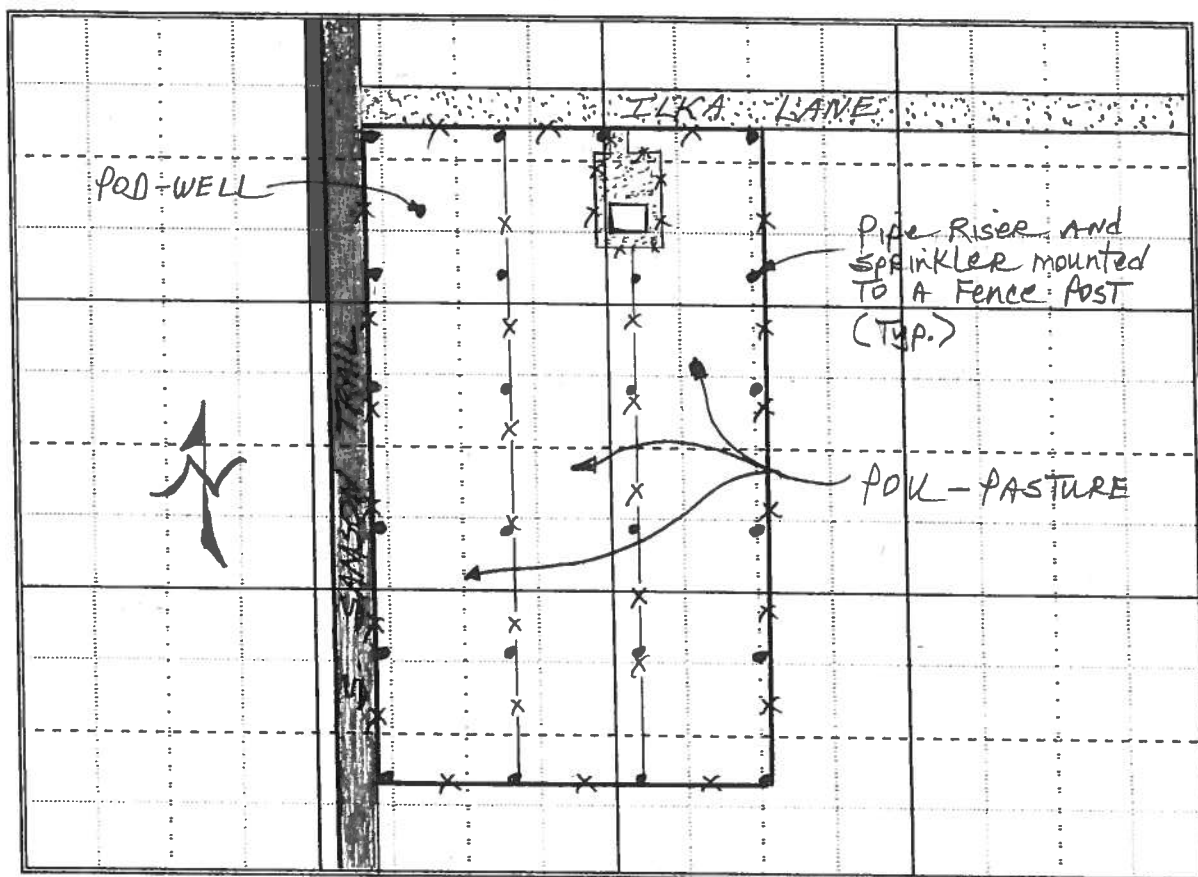
Reviewer _____ Date _____

65-13928

ESRI AERIAL PHOTO - 2012



3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☐ see attached.



Scale: 1" = NTS

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
- ☒ Aerial photo attached (required for irrigation of 10+ acres)
- ☒ Photo of diversion and system attached

FIELD EXAM PHOTOS

Water Right Permit: 65-13928

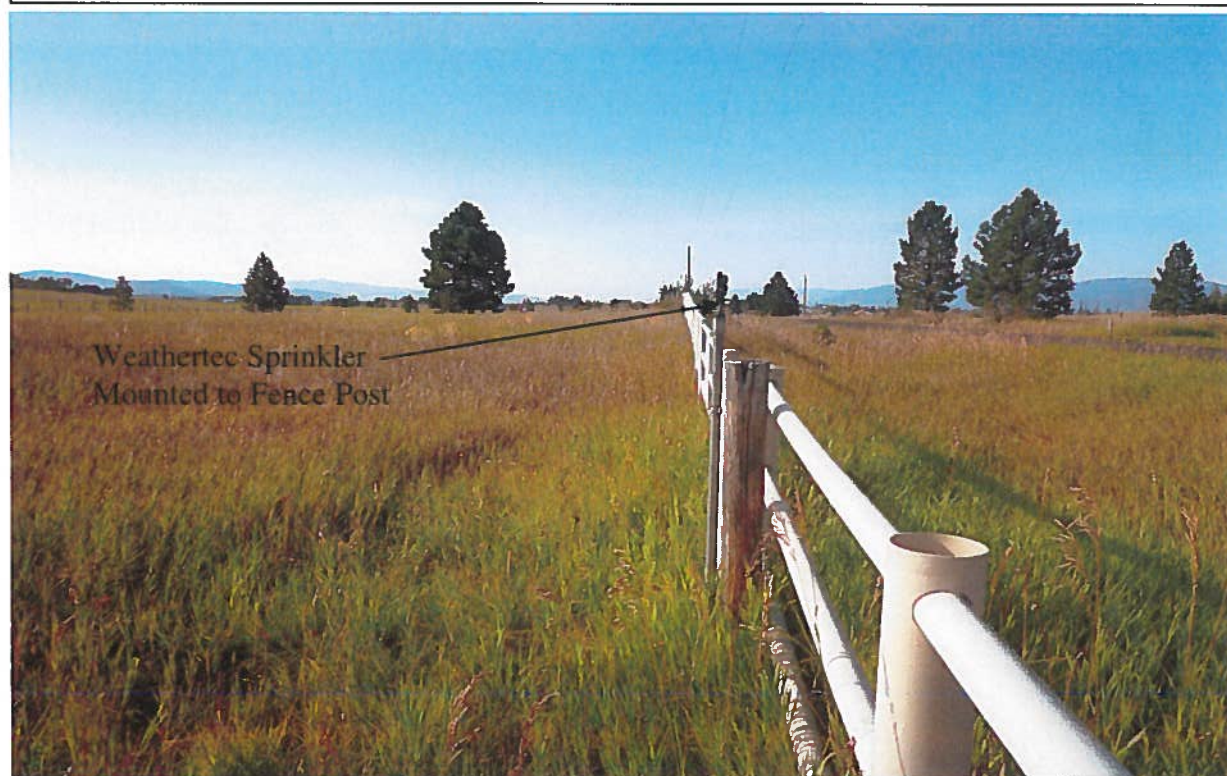
Field Exam Date: 8-13-13

PLS: NW1/4, SW1/4 Section 27, T.18N, R.03E

Field Examiner: RC



Point of Diversion: View westerly of the ground water well located in a fenced enclosure. The power controls and irrigation control box are shown in the background. The ground water well and control boxes are located in a fence area to prevent damage by livestock.



Place of Use: View southerly of a Weathertec Sprinkler head and pipe riser mounted on a fence post on the right holder's westerly property line.



Place of Use: View southeasterly of the irrigated pasture areas. Weathertec high-impact sprinklers are mounted on fence posts near the fence lines. There are a total of 12 stations. Each station is comprised of two sprinklers with 3/8" nozzles.



Place of Use: View northwesterly of trees enclosed in fencing to prevent damage by livestock. The trees are irrigated with 1" PVC perforated pipe around the base of the tree.

MEMORANDUM

TO: File 65-13928

FROM: Kay Walker *KW*

RE: License Amendment

Date: July 2, 2014

.....

On February 19, 2014, I sent an application for licensing amendment to the permit holders at the address of record. I got that letter back with "Temporarily Away" so I waited until May 6, 2014, and sent the amendment application again, thinking that the permit holders may be gone for the winter as many people do. On May 30th I still had not received the licensing amendment so sent second notice that an amendment was required. I discussed with the field examiner and he said that there was such a nice irrigation system out there it was strange no one had responded. He did remember that the property was changing hands about the time the exam was done but he had no other information. He suggested I contact the Hauck's and see if they could give us some insight.

Today, I called Mr. Hauck and he verified that he had sold the property. He stated he had given the amendment form to his realtor, Bill McMurray, to give to the realtor of the new owners to take care of. He gave me Mr. McMurray's telephone number so I could call him about the amendment. I called Mr. McMurray and he said he would contact the new owner's realtor and see if he could get someone to contact me.

Laurie

~~Lori~~ Erikson contacted me this afternoon. She and her husband bought the property last fall and tried to get some help from the Department to get the permit in their name. The person helping her was not much help and she gave up. Today, when we talked, she was all about submitting the licensing amendment. She said it would be in the mail box at McCall tomorrow so we should receive the amendment and fee by next week. It sounds like she has also prepared an ownership change to submit but I cannot confirm that until I receive her information next week.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 30, 2014

JOHN HAUCK AND KRIS HAUCK
30 W HORIZON DR
BOISE ID 83702

RE: Permit No. 65-13928

Dear Permit Holders:

The Department of Water Resources sent you an Application for Amendment form on May 6, 2014, for the above referenced Permit. The amendment is required because the field examiner who verified the water use established in connection with your permit reported that one or more elements of your water use differs from the permit. As of this date the Department has not received a response.

If we do not receive the amendment within thirty (30) days, I will assume you are no longer interested in obtaining a water right license and **the permit will be voided**. In case the amendment form we sent you has been misplaced a new one is enclosed.

If you have any questions, please contact me as soon as possible at (208)334-2190.

Sincerely,

A handwritten signature in black ink that reads "Kay Walker". The signature is written in a cursive, flowing style.

KAY WALKER
Sr. Water Resource Agent

Enclosure



State of Idaho

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 6, 2014

JOHN HAUCK AND KRIS HAUCK
30 W HORIZON DR
BOISE ID 83702

RE: Water Right Permit No. 65-13928

Dear Permit Holders:

The Department of Water Resources is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. The examiner who verified your water use reported that certain elements of the permit have been developed differently than described on your permit. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Section 42-211, Idaho Code. Before a license can be issued, your permit must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit:

☒ Point of Diversion

☒ Place of Use

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented, please sign the form and return it with the \$100.00 filing fee within 14 days.

If you have any questions, please call me at 334-2190.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

Enclosures: Amendment Application & Layout

PRSRT FIRST-CLASS MAIL
US POSTAGE PAID
Boise, ID
PERMIT# 1

C3-63

836 837 83702

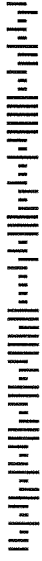


6020140219-154535

6

RETURN SERVICE REQUESTED

83702



RECEIVED

FEB 28 2014

WATER RESOURCES
WESTERN REGION

IDAHO DEPARTMENT OF WATER RESOURCES

2735 Airport Way
Boise, ID 83705-5082
(208) 334-2190

To

JOHN AND KRIS HAUCK
30 W HORIZON DR
BOISE ID 83702

HAUC030 T837022018-1114 02/25/14

HAUCK

RETURN TO SENDER

TEMPORARILY AWAY

RETURN TO SENDER





State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

February 19, 2014

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

JOHN HAUCK AND KRIS HAUCK
30 W HORIZON DR
BOISE ID 83702

RE: Water Right Permit No. 65-13928

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KAY WALKER
Sr. Water Resource Agent

Enclosures: Amendment Application & Layout



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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 30, 2013

John & Kris Hauck
C/O Hauck Family Revocable Trust
30 Horizon Drive
Boise, ID 83702

RE: Scheduling Field Exam for Water Right Permit No. 65-13928

We are planning to **conduct water right field examinations** in the vicinity of the above-referenced permit **during the week of August 12, 2013**. An examination is needed to verify your water use in order to issue a water right license.

Please be advised that you will need to operate your system under normal operating conditions during the examination. The permit authorizes the diversion of 0.12 cfs of ground water for irrigation of 6.0 acres.

In order to conduct your exam as efficiently as possible, we ask that you call this office to schedule a day and time convenient for you. **Please call me at 208-334-2190 by August 2, 2013, to conduct the exam during the week of August 12, 2013.** If there is a problem with scheduling or conducting the examination at this time, please let me know so we can reschedule or make other arrangements.

I appreciate your attention to this matter and I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Rick Collingwood". The signature is written in a cursive, flowing style.

Rick Collingwood, P.E.
Water Resource Agent, Sr.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

July 24, 2013

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

John & Kris Hauck
P.O. Box 2137
McCall, ID 83638

RE: Scheduling Field Exam for Water Right Permit No. 65-13928

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Rick Collingwood, P.E.
Water Resource Agent, Sr.