

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 57-11631
Exam Date: 6/6/2018

1. Current Owner:
RICHARD BRANDAU 9902 WILSON CEMETERY LN MELBA ID 83641 (208) 495-2529 And/Or
CONNIE M BRANDAU 9902 WILSON CEMETERY LN MELBA ID 83641 (209) 495-2529
2. Accompanied by: CONNIE M BRANDAU
Phone No: (208) 936-8825
Address: 9902 WILSON CEMETERY LN MELBA ID 83641
Relationship to Permit Holder: OWNER
3. **SOURCE:**
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 NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11, Twp 01S, Rge 03W, B.M. OWYHEE County

Method of Determination: Field exam and aerial imagery

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	
01S	03W	11					X		X	X									

Method of Determination: Field exam and aerial imagery

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X 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.

X

Aerial Photo Attached (required for irrigation of 10+ acres).

X

Photo of Diversion and System Attached

X

4.

Well Tag No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Discharge Size
D0057826	NA	$\frac{3}{4}$ "	NA	Grundfos	1.25"

*Code to correspond with exam photo for POD

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket Test	5 gallon	NA	NA	NA	NA	NA

2. Measurements:

Performed a 5 gallon bucket test directly from the well head via garden hose. The test produced a 10 gpm average.

E. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

10 gpm average flow = 0.0222 cfs or **0.02 cfs****F. VOLUME CALCULATIONS**

1. Volume Calculations for Stockwater:

 $V_R = (\text{Number of range cattle}) \times (12 \text{ gpd/head}) \times (\text{Days in season}) = 200 \text{ range cattle} \times 12 \text{ gpd} \times 365 \text{ days} = \mathbf{2.7 \text{ AF}}$ $V_{DR} = [\text{Diversion rate (cfs)}] \times (\text{Days in season}) \times 1.9835 = 0.02 \text{ cfs} \times 365 \times 1.9835 = \mathbf{14.5 \text{ AF}}$ $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{2.7 \text{ AF}}$ **G. NARRATIVE/REMARKS/COMMENTS**

Permit No. 78-12170 authorizes a diversion rate of 2.00 cfs for Irrigation (2.00) and Stockwater (0.09) purposes. A field exam was conducted by WRA Aaron Skinner on June 6, 2018, who was accompanied by Connie Brandau.

BACKGROUND:

The irrigation component was never developed due to well capacity limitations. The number of range cattle was adjusted to 200 head. The place of use was identified to only the areas where the 6 troughs are located. **An amendment is necessary** to add the SWNW of 01S03W in Section 11 to the license.

System Description:

Ground water is pumped from the well via ¾ hp Grundfos pump rated for 5 gpm with a TDH of 270 feet. Actual TDH is ~203 feet with a static level of 12 feet. Drawdown was 41 feet for 9 minutes. Poly line is connected to the well and delivers water to the two troughs in each quarter-quarter. There are four 9' X 3' 1,000 gallon and two 6' X 2' 350 gallon Behlen Country Poly Stock Tanks used as troughs.

Conditions:

Condition 26A, 046, WB7, 065, 01M, X02, and 104 were removed and not forwarded to licensing. Condition 121 was updated to 103 and forwarded to licensing.

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	01/01 to 12/31	0.02 CFS	2.7 AF
<u>Totals:</u>		0.020 CFS	2.70 AF

2. Recommended Amendments

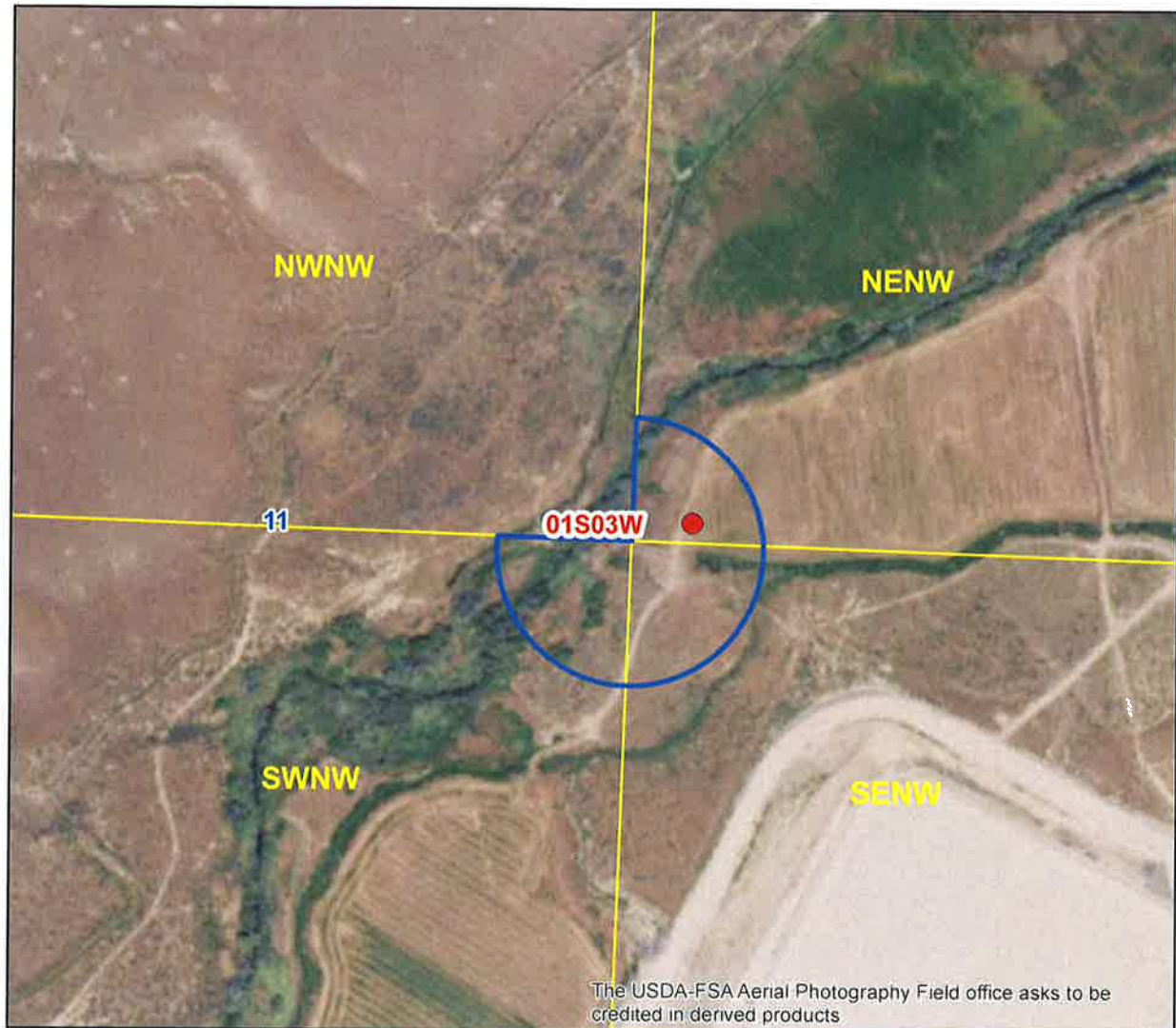
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

I. AUTHENTICATION

Field Examiner's Name Aaron Skinner Date 6/19/2018

Reviewer [Signature] Date 6/19/18

State of Idaho
Department of Water Resources
Point of Diversion and Place of Use
Water Right Permit No. 57-11631



0 0.035 0.07 0.14 Miles

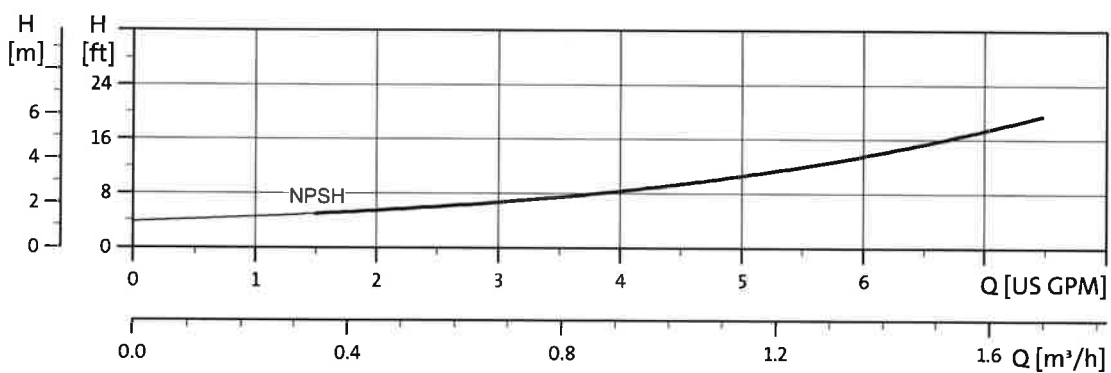
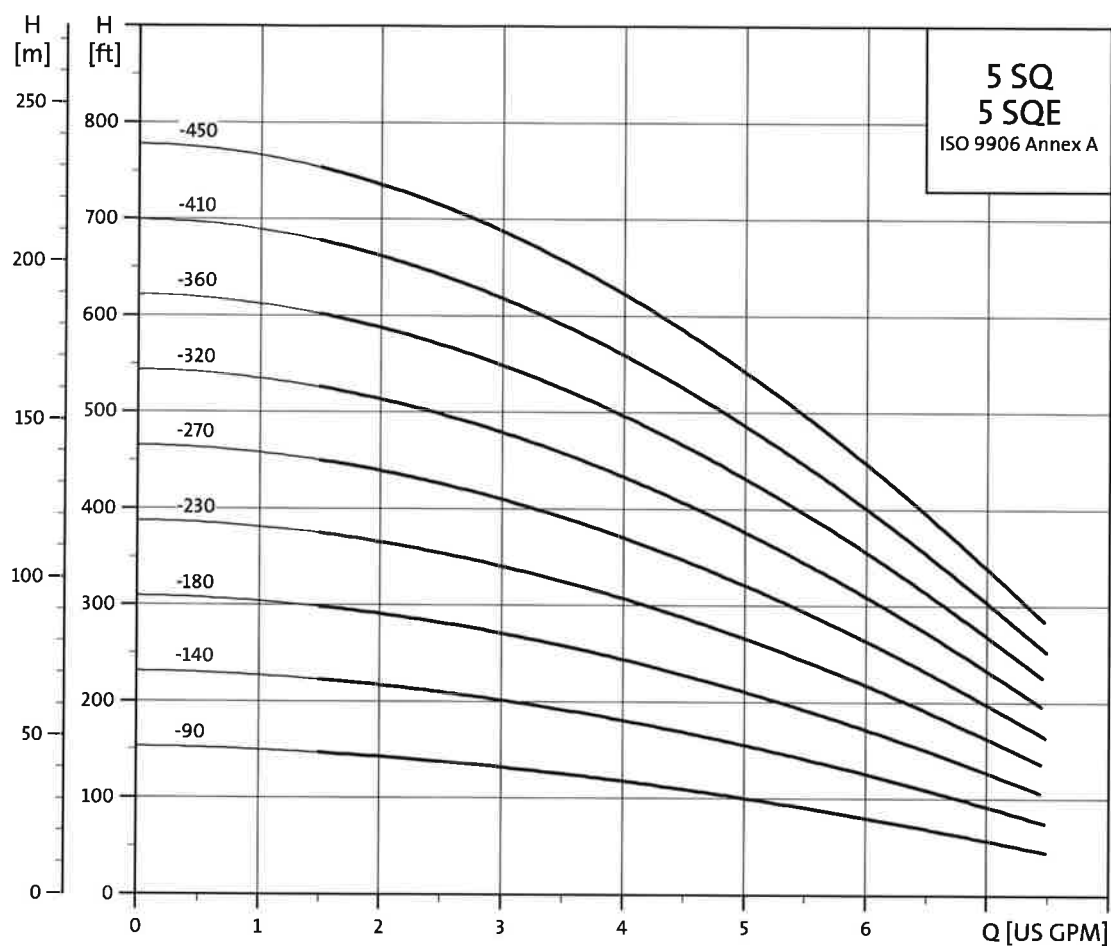
Legend

- Well D0057826
- Stockwater Place of Use



7. SQ curve charts

5 SQ, SQE



TM04 7463 2010

Showing all 4 results

Default sorting

1 products per page

Item	Color	Description	Datasheet
52113098	Blue	9' Poly Round Tank (approx. 1,000 gal.)	
52113088	Blue	8' Poly Round Tank (approx. 625 gal.)	
52113068	Blue	6' Poly Round Tank (approx. 350 gal.)	
52113018	Blue	Deluxe Fun Pool (approx. 500 gal.)	
Item	Color	Description	Datasheet

The Behlen Story



Behlen Business Units

Behlen Building Systems
BMC Transportation
Behlen Grain Systems
Behlen Custom Fabrication
Behlen Technology & Mfg.
Behlen Joiner
Hilton Industries

Contact Behlen Country

Headquarters:
Behlen Mfg. Co.
P.O. Box 569
Columbus, NE 68602-0569
Email: answers@behlencountry.com
Phone: 800.447.2751
Fax: 402.563.7447

Connect with us



Overlap Analysis for WR Permit No. 57-11631 POD

Process	Basin/Sequence	Draft	Owner	Use	NENE	NWNE	SWNE	SENE	NENW	SWNW	SESW	NWSE	SWSE	SESE	Total/Acres
Water Right	57-10847	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-1115	N	ADAMS, LARRY; TINCHE, WILLIAM; TINCHE, YVONNE	GROUND WATER											
Water Right	57-1117	N	CERDA RANCHES INC; YOUNG, J LAVAR; YOUNG, JANET B; YOUNGS RIVERFRONT RANCH LP	REYNOLDS CREEK											
Water Right	57-11569	N	BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-11570	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-11631	Y	BRANDAU, CONNIE M; BRANDAU, RICHARD	GROUND WATER											
Water Right	57-11790	N	IDAHO POWER CO	GROUND WATER											
Water Right	57-277	N	FOOTE JR, EABLE G; FOOTE, PATRICIA B; SNAKE RIVER RANCH LLC; STOLLER, DAVENE; STOLLER, GARY M	REYNOLDS CREEK											
Water Right	57-279	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-281	N	CERDA RANCHES INC; YOUNG, J LAVAR; YOUNG, JANET B; YOUNGS RIVERFRONT RANCH LP	REYNOLDS CREEK											
Water Right	57-6	N	CERDA RANCHES INC; YOUNG, J LAVAR; YOUNG, JANET B; YOUNGS RIVERFRONT RANCH LP	REYNOLDS CREEK											
Water Right	57-70848	N	HALLBERG, FREDERICK A; HALLBERG, IRENE F; STIMPSON, FORREST R; STIMPSON, PEGGIE	GROUND WATER											
Water Right	57-70849	N	HALLBERG, FREDERICK A; HALLBERG, IRENE F; RANDALL, CHARLENE R; RANDALL, MICHAEL W	GROUND WATER											
Water Right	57-7084F	N	HALLBERG, FREDERICK A; HALLBERG, IRENE F; STIMPSON, NORRIS W; STIMPSON, VICKI A	GROUND WATER											

Overlap Analysis for WR Permit No. 57-11631 POU

Process	Basin/Sequence	Draft	Owner	Use	NENE	NWNE	SWNE	SENE	NENW	SWNW	SESW	NWSE	SWSE	SESE	Total/Acres
Water Right	2-20278	N	REYNOLDS IRRIGATION DISTRICT; WILSON IRRIGATION CO	IRRIGATION											
Water Right	57-10847	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-1115	N	ADAMS, LARRY; TINCHE, WILLIAM; TINCHE, YVONNE	GROUND WATER											
Water Right	57-11569	N	BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-11570	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-11631	Y	BRANDAU, CONNIE M; BRANDAU, RICHARD	GROUND WATER											
Water Right	57-11790	N	IDAHO POWER CO	GROUND WATER											
Water Right	57-20938	N	TINCHE, WILLIAM; TINCHE, YVONNE	DOMESTIC											
Water Right	57-279	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-281	N	BRANDAU, BETTY B; BRANDAU, CONNIE M; BRANDAU, HENRY; BRANDAU, RICHARD H	REYNOLDS CREEK											
Water Right	57-70848	N	HALLBERG, FREDERICK A; HALLBERG, IRENE F; STIMPSON, FORREST R; STIMPSON, PEGGIE	GROUND WATER											
Water Right	57-70849	N	HALLBERG, FREDERICK A; HALLBERG, IRENE F; RANDALL, CHARLENE R; RANDALL, MICHAEL W	GROUND WATER											
Water Right	63-2420	N	REYNOLDS IRRIGATION DISTRICT; SKERIANEC, CAROL DE HAVEN	WARM SPRINGS CREEK											
Water Right	63-306	N	REYNOLDS IRRIGATION DISTRICT; SKERIANEC, CAROL DE HAVEN	WARM SPRINGS CREEK											
Water Right	63-359	N	REYNOLDS IRRIGATION DISTRICT; SKERIANEC, CAROL DE HAVEN	DRAINS											
Water Right	63-359	N	REYNOLDS IRRIGATION DISTRICT; SKERIANEC, CAROL DE HAVEN	GROUND WATER											

No overlap, different use/source



Well head for
stockwater.



Well Tag
D0057826

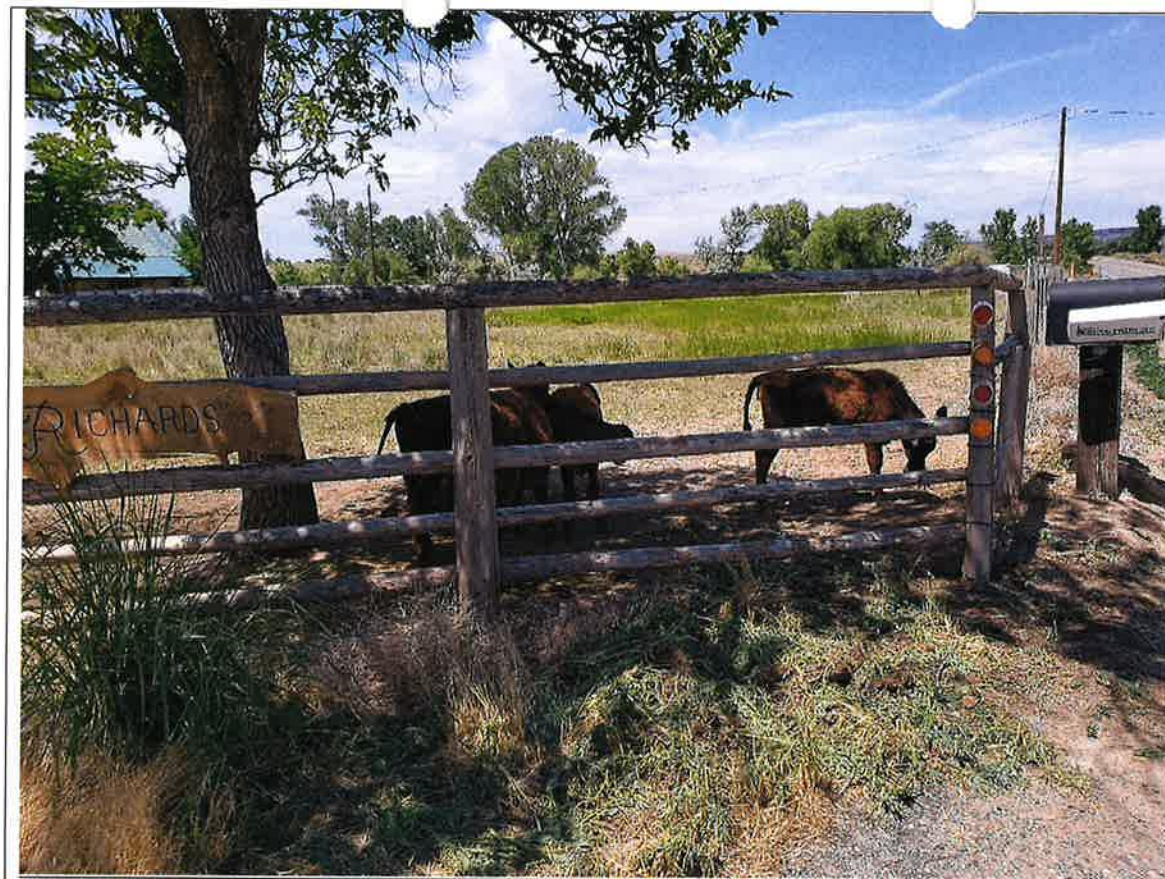


Pump test was done by Treasure Valley Drilling and Pump, Inc. with a 3/4 hp Grundfos submersible pump. The pump is set at 201 feet with 41 feet drawdown in 9 minutes.

Bucket test established a flow rate of 10 gpm.



Six troughs surround the well head. Four 9' X 3' 1,000 gallons troughs and two 6' X 2' 350 gallon troughs.



Cattle at the front of the driveway. In the fall, they have about 200 range cattle on the property.



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

05/21/2018

RICHARD BRANDAU
CONNIE BRANDAU
9902 WILSON CEMETERY LN
WILSON ID 83641

RE: Scheduling Field Exam for Water Right Permit No. 57-11631

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit this irrigation season. An examination is required to verify the water is used in accordance with the permit and issue a water right license.

The above-referenced permit authorizes 2.00 cfs of Groundwater for supplemental irrigation and stockwater use. If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued. If a use was developed, but you have ceased using the water and you currently have no interest in pursuing a water right license, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

Please contact me within the next thirty (30) days at (208) 334-2190 to schedule a field examination or if you have any question. If a response is not received by June 21, 2018 your permit may become void. Thank you for your attention to this matter.

Sincerely,

Phill Hummer
Water Resource Agent, Sr.
Idaho Department of Water Resources
Phone: (208) 334-2190
Email: phill.hummer@idwr.idaho.gov

Enclosures: Relinquishment of Permit form
Water Permit Report and Map