

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-12113

Exam Date: 8/23/2007

1. Current Owner: RONALD STUTHEIT
28900 HEXON RD
PARMA ID 83660-6604
(208)722-8012

And/Or

SHARON STUTHEIT
28900 HEXON RD
PARMA ID 83660-6604
(208)722-8012

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE**

BOISE RIVER

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion: 63-276C

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

BOISE RIVER

NE1/4NW1/4SW1/4

Sec. 8, Twp 05N, Rge 05W, B.M.

CANYON County

Method of Determination:

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>	
05N	05W	8										4.0							4.0

Total Acres: 4

Method of Determination:

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>
706511	Baldor	5	F0211121709	N/A	6 inch

*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>
Fuji Flowmeter	Ultrasonic	Fuji				8/23/2007

2. Measurements:

0.86 cfs was measured at full system pressure when being diverted to the POU for this right only. This right will be limited to 0.12 cfs due to 4 acre POU.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:
Flowmeter Ultrasonic. See back page.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (4) \cdot (4.5) = 18 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.12) \cdot (259) \cdot 1.9835 = 61.6 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 18 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

POD is located in what is locally known as the Kallamey Slough, roughly 1/4 mile from Boise River near Parma. POD also diverts water to 63-276C. Applicant is also owner of that right. From POD water is piped underground 300ft around Kallamey Slough to 4 acre POU. Water is then brought to surface and feed into 6inch perforated pipe that runs 3/4 length of eastern edge of POU. 0.86 cfs was measured with ultrasonic flowmeter when full system capacity was diverted to THIS RIGHT ONLY. This right will be limited to 0.12 cfs (0/03 inch/acre - 4 acre POU). Note that this right was permitted with irrigation season running from 3/15 - 11/15. However POU falls within area with irrigation season from 3/01 - 11/15. Beneficial Use report was updated with this change.

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>
IRRIGATION	03/01 to 11/15	0.120 CFS	18.00 AF
<u>Totals:</u>		0.120 CFS	18.00 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 Nick Van Dyke Date 8/23/07
 Reviewer Nick Van Dyke Date 8/29/07





-POD, Kallarney Slough immediately behind pump.



- POD. Line splitting to the right supplies water to POU in WR# 63-12113. Line going straight serves neighboring WR# 63-276C.



- Lockable control devices.



- POU, looking in NW direction from SE corner. Perforated pipe supplying water to field is just outside of the right edge of the frame on eastern border of field.



- POU, looking SW from the SE corner. Area where excess flood irrigation water drains off POU denoted by red arrow above.

63-12113

1. nvandyke 8/31/2007 Field Report Narrative

Comment: POD is located in what is locally known as the Kallarney Slough, roughly 1/4 mile from Boise River near Parma. POD also diverts water to 63-276C. Applicant is also owner of that right. From POD water is piped underground 300ft around Kallarney Slough to 4 acre POU. Water is then brought to surface and feed into 6inch perforated pipe that runs 3/4 length of eastern edge of POU. 0.86 cfs was measured with ultrasonic flowmeter when full system capacity was diverted to THIS RIGHT ONLY. This right will be limited to 0.12 cfs (0/03 inch/acre - 4 acre POU). Note that this right was permitted with irrigation season running from 3/15 - 11/15. However POU falls within area with irrigation season from 3/01 - 11/15. Beneficial Use report was updated with this change.

2. nvandyke 9/5/2007 POD

Comment: Updated shape

3. nvandyke 9/5/2007 POD

Comment: Updated shape

4. nvandyke 9/5/2007 POU

Comment: Updated Shape

5. nvandyke 9/5/2007 POU

Comment: Updated PLS

6. CURTIS 5/16/1994 PREVIOUS IRRIGATION

Comment: Applicant is in the planning stage of developing this property previously partially irrigated under Right 63-00276.

7. SLESTER 10/6/1995 ALLOWABLE IRRIGATION

Comment: This site is located in lower reaches of Boise River drainage & therefore open to new rights related to the river system. Application replaces some irrigation forfeited in recent transfer of 63-00276. Application covers lost ground plus additional land.

8. VAULT 1/29/1998 Extension of Time Received

Comment: Extension of Time Received

9. DELLIS 11/27/2000 Proof of Beneficial Use Rcvd

Comment: Proof of Beneficial Use Rcvd

PERMIT # 63-12113

(PAXMA)

08-23 11:5600
+002.90 % AI2

FUSI ULTRASONIC MEASUREMENT

0214.7 MMSEC
100.64 % T0

12:10+403.126E 0GPM 00R
+ 5.052E 0FPS 00R
+00000 *10 G 00R
-00000 *10 G 00R

12:11+382.785E 0GPM 00R
+ 4.799E 0FPS 00H
+00038 *10 G 00R
-00000 *10 G 00R

12:12+405.768E 0GPM 00R
+ 5.085E 0FPS 00R
+00077 *10 G 00R
-00000 *10 G 00R

12:13+386.483E 0GPM 00R
+ 4.845E 0FPS 00R
+00116 *10 G 00R
-00000 *10 G 00R

12:14+381.464E 0GPM 00R
+ 4.783E 0FPS 00R
+00155 *10 G 00R
-00000 *10 G 00R

12:15+378.558E 0GPM 00R
+ 4.747E 0FPS 00R
+00194 *10 G 00R
-00000 *10 G 00R

12:16+370.369E 0GPM 00R
+ 4.642E 0FPS 00R
+00232 *10 G 00R
-00000 *10 G 00R

12:17+402.069E 0GPM 00R
+ 5.039E 0FPS 00R
+00272 *10 G 00R
-00000 *10 G 00R

12:18+403.126E 0GPM 00R
+ 5.052E 0FPS 00R
+00310 *10 G 00R
-00000 *10 G 00R

12:19+398.107E 0GPM 00R
+ 4.990E 0FPS 00R
+00349 *10 G 00R
-00000 *10 G 00R

12:20+396.786E 0GPM 00R
+ 4.973E 0FPS 00R
+00388 *10 G 00R
-00000 *10 G 00R

$$388 \text{ gpm} \left(\frac{1 \text{ cfs}}{448.83 \text{ gpm}} \right) = 0.86 \text{ cfs}$$

WATER RIGHT 63-12113