

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-13648

Exam Date: 9/27/2012

1. Current Owner: STATE OF IDAHO
DEPT OF FISH & GAME
1345 BARTON RD
POCATELLO ID 83204
(208)232-4703

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

PORTNEUF RIVER

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 29-2137A
2. Other water rights with the same point of diversion: 29-2137A

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

PORTNEUF RIVER

SE1/4SE1/4SE1/4

Sec. 7, Twp 07S, Rge 35E, B.M.

BANNOCK County

Method of Determination: GPS

2.

PLACE OF USE: WILDLIFE

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>	
07S	35E	7																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.

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

WestingHouse

7.5

LR47823

Fisher

KT408A143014

*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**

2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: Theoretical

$$8.8 * .75 * 7.5\text{hp}$$

$$\text{-----} = 4.95$$

$$10\text{ft} + (2.31 * 0)$$

$$Q = 4.95 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{N/A}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \text{N/A}$$

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

2. Volume Calculations for Other Uses:

$$\text{Wildlife volume} = 2.0\text{cfs} \times 1.9835 \text{ acre-feet} \times 365 \text{ days} = 1,448.0 \text{ acre-feet.}$$

G. NARRATIVE/REMARKS/COMMENTS

This is a flow through wildlife water right. Water is diverted from the Portneuf River via 7.5 hp pump through a mainline into a pup pond. From the pup pond, water flows through an open channel into a large fish pond (authorized by water rights 29-13997 and 29-13998), through another open channel, and then back into the Portneuf River. The place of use for this water right did not include the large fish pond because the proof of beneficial use made date for this right was 08/25/2004 and the large fish pond was not constructed until the end of 2011/beginning 2012. A measuring device and lockable diversion was present at the time of exam. No water was being diverted at the time of the field exam. Maintenance work was being done on the pup pond.

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>
WILDLIFE	01/01 to 12/31	2.000 CFS	1448.0 AF
<u>Totals:</u>		2.000 CFS	1448.0 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

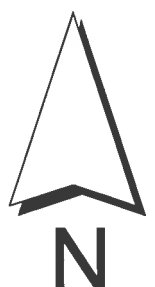
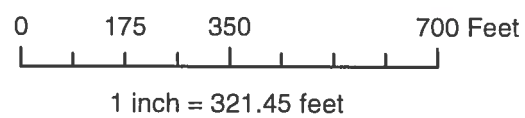
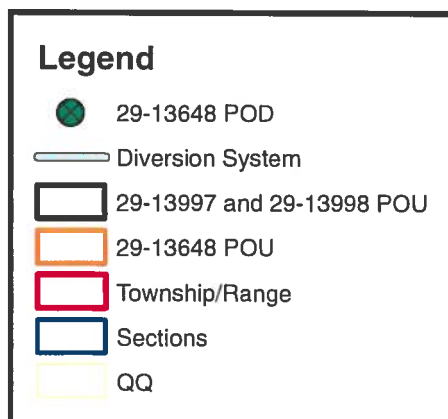
I. AUTHENTICATION

Field Examiner's Name Kade Raymond Blake Jordan Date 9/27/2012
 Reviewer James Cefalo Date Jan 8, 2013

29-13648



2010 Aerial Photography



Control Valves
Between POD
& Pump Pond



Pump



* Outlet Channel *

Between Large Fish
Pond & Portman River



Outlet Channel
Between Pop Pond
& Large fish pond





Large fish pond

