

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-7412

Exam Date: 9/10/2007

1. Current Owner: CALVIN E BRADLEY
6016 N 4TH ST
DALTON GARDENS ID 83815
(208)772-5620

And

DIANE R BRADLEY
6016 N 4TH ST
DALTON GARDENS ID 83815
(208)772-5620

2. Accompanied by: Calvin Bradley
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: SELF

3. SOURCE

NORTH FORK COEUR D ALENE RIVER

TRIBUTARY

COEUR D ALENE RIVER

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:

NORTH FORK COEUR D ALENE RIVER L4 SE¼SW¼ Sec. 24, Twp 50N, Rge 02E, B.M. SHOSHONE County

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
50N	02E	24												1.0					1.0
														L 4					

Total Acres: 1

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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements: 5 gallon bucket
4 gallons in 30 seconds
8 gpm
0.02 cfs

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .02 \times 214 \times 1.9835 = 8.5 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.0 \text{ AF}$$

2. Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

THIS SYSTEM PULLS WATER OUT OF THE NORTH FORK OF THE COEUR D'ALENE RIVER FOR THE IRRIGATION OF 1 ACRE. THE PERMIT HAS THE POINT OF DIVERSION IN THE RIGHT PLACE BUT THE SOURCE IS WRONG. THE PERMIT IS OF THE COEUR D'ALENE RIVER TRIBUTARY TO COEUR D'ALENE LAKE BUT THE SOURCE IS THE NORTH FORK OF THE COEUR D'ALENE RIVER TRIBUTARY TO THE COEUR D'ALENE RIVER. THE TOWNSHIP RANGE AND SECTION IS ALL CORRECT BUT THE SOURCE IS WRONG. A MEASUREMENT OF 4 GALLONS IN 30 SECONDS WAS TAKEN DURING THE FIELD EXAM.

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	04/01 to 10/31	0.020 CFS	3.00 AF
<u>Totals:</u>		0.020 CFS	3.00 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 [Signature] Date 11-28-07
 Reviewer [Signature] Date 11/28/07

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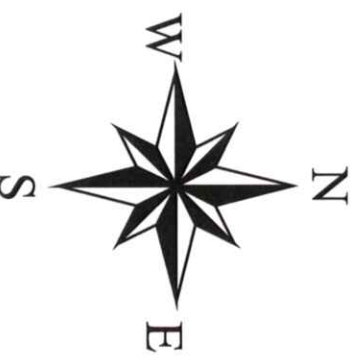
0.04

0

0.04

0.08 Miles

- Administrative BasinsAdminbas.shp
- Township/Range
- Sections
- QA
- Right POD
- Pou.shp
- Pod.shp





PLACE OF USE 1



PLACE OF USE 2



POINT OF DIVERSION

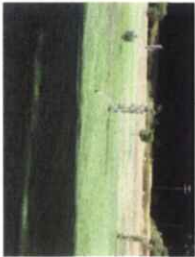


SYSTEM



SYSTEM RUNNING 1

94-7412

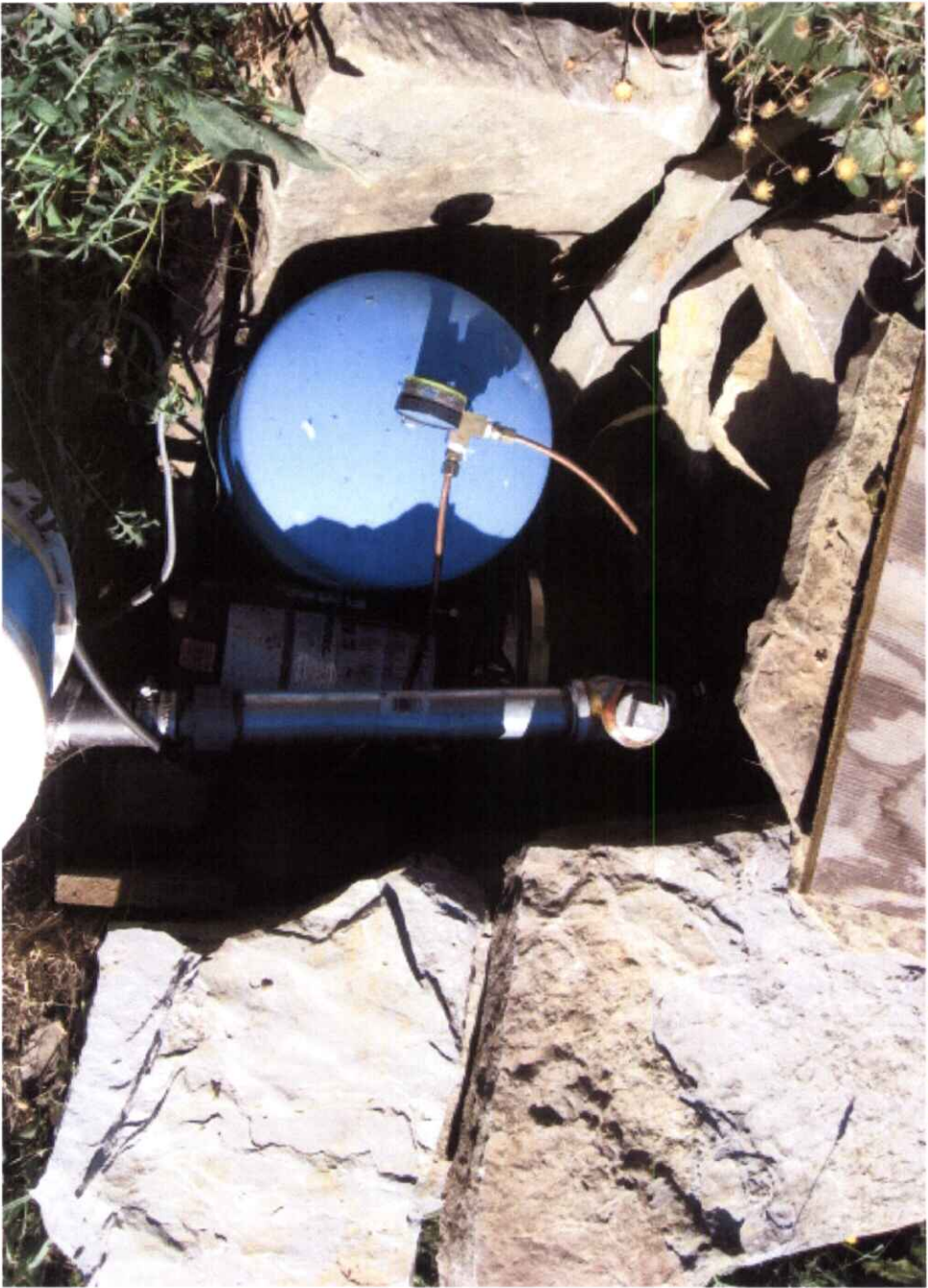


SYSTEM RUNNING 2



94-7412





94-7412





94-7412

