

Permit No: 95-9239

Page 1

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9239

Exam Date: 5/23/2007

1. Current Owner: FRANCIS W CASH
4736 S THREEMILE POINT DR
COEUR D ALENE ID 83814
(208) 765-4038
2. Accompanied by: BOB FREER
Phone No: (208) 661-1950
Address: UNKNOWN
Relationship to Permit Holder: PROPERTY CARETAKER

3. SOURCE

COEUR D ALENE LAKE

TRIBUTARY

SPOKANE 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:

COEUR D ALENE LAKE

L3 SW1/4SW1/4

Sec. 36, Twp 50N, Rge 04W, B.M.

KOOTENAI County

Method of Determination: GPS

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>	
50N	04W	36											1.5						1.5
													L 3						

Total Acres: 1.5

Permit No: 95-9239

Page 2

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: 5gallon bucket
5gallons in 10seconds

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

$$30\text{gpm} = 0.0668\text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.5 \times 3 = 4.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .06 \times 246 \times 1.9835 = 29.28$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.5 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

THE WATER IS BEING DIVERTED FROM LAKE COEUR D'ALENE FOR LANDSCAPE IRRIGATION OF 1.5 ACRES.
THE MEASUREMENT OF THE DIVERSION RATE IS 5 GALLONS IN 10 SECONDS.

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	03/15 to 11/15	0.060 CFS	
<u>Totals:</u>		0.060 CFS	4.50 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 WHA: Chad H Goodwin Date 5-30-07
Reviewer [Signature] Date 6/30/7

95-9239

SCANNED

MAY 30 2007



0.05 0 0.05 0.1 Miles

- ☐ GCDB50N04W GCDB
- ☐ GCDB50N03W GCDB
- ☐ GCDB49N04W GCDB
- ☐ GCDB49N03W GCDB
- ☒ Right POD
- ☒ Pou.shp
- ☒ Pod.shp





COMPANY THAT PUT
SYSTEM IN



PLACE OF USE 1



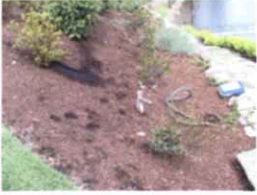
PLACE OF USE 2



POINT OF DIVERSION



PRESSURE



SPICKET



SYSTEM



WATERFALL 1



WATERFALL 2

SCANNED

MAY 30 2007

PRO-LINE TANKS

BY  AMTROL^{INC.}

THE PRO'S CHOICE



Made in USA

9015-492

North Idaho Pump Co., Inc.

"Quality and Service Our Specialty"

Jody Barden
Owner / operator

6180 Seltice Way Post Falls, ID 83854 Phone: 208-667-0321 Fax 208-667-9018

Mailing Address: P.O. Box 3364 Post Falls, ID 83877-3364











