

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-8817

Exam Date: 7/26/07

1. Current Owner: MARK A JOHNSON
PO BOX 56
FAIRFIELD WA 99012-0056
(509) 283-2485
2. Accompanied by: MARK A JOHNSON
Phone No: (509) 283-2485
Address: PO BOX 56, FAIRFIELD WA 99012-0056
Relationship to Permit Holder: Owner

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

L4 SE1/4NW1/4

Sec. 3, Twp 47N, Rge 04W, B.M.

KOOTENAI County

Method of Determination: Global Positioning Receiver, USGS Harrison Quadrangle 7.5 Minute Topographic Map

2. PLACE OF USE:

DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
47N 04W 3								X									

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.

Well or Diversion ID No.*Motor MakeHpMotor Serial No.Pump MakePump Serial No. or Discharge Size

	Goold	1	Unknown	Goold	Submersible
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*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>
Watch	-	-	Remington	-	Wristwatch	-
Bucket	-	-	-	-	5 Gallon	-

2. Measurements:

4 gal
14 seconds

.04 cfs

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT						
No.				95-8817		
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	1	157.8231293	0.7	100	25
Q = 0.039 cfs 17.5 gpm						

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

.6 Domestic
.6 Irrigation
1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

Exam 7/26/07. Property (.88 acres) is located on an extremely steep, vegetated hillside, above Lake Coeur d Alene. Water is pumped from Lake to a pressure tank installed in a bedroom on the lower floor of the residence. Water is then distributed in the home and to a spigot behind the home at a tool shed. Maximum lift is 100 feet. Flow was measured at the spigot at four gallons into a bucket in 14 seconds.

No irrigated ground area was observed during the exam. Potential irrigated area is under 1/2 acre.

95-4301 was reviewed for overlap. 95-4301 diverts and uses water for domestic and irrigation on Lot 14 of Blacks Homesites, Govt Lot 4, SE 1/4, NW 1/4, Sect. 3, T47N, R04W. 95-8817 diverts and uses water in Lot 24 of Blacks Homesites, Govt Lot 4, SE 1/4, NW 1/4, Sect. 3, T47N, R04W.

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>
DOMESTIC	1/01 to 12/31	0.040 CFS	1.2 AF
<u>Totals:</u>		0.040 CFS	1.2 AF

2. Recommended Amendments

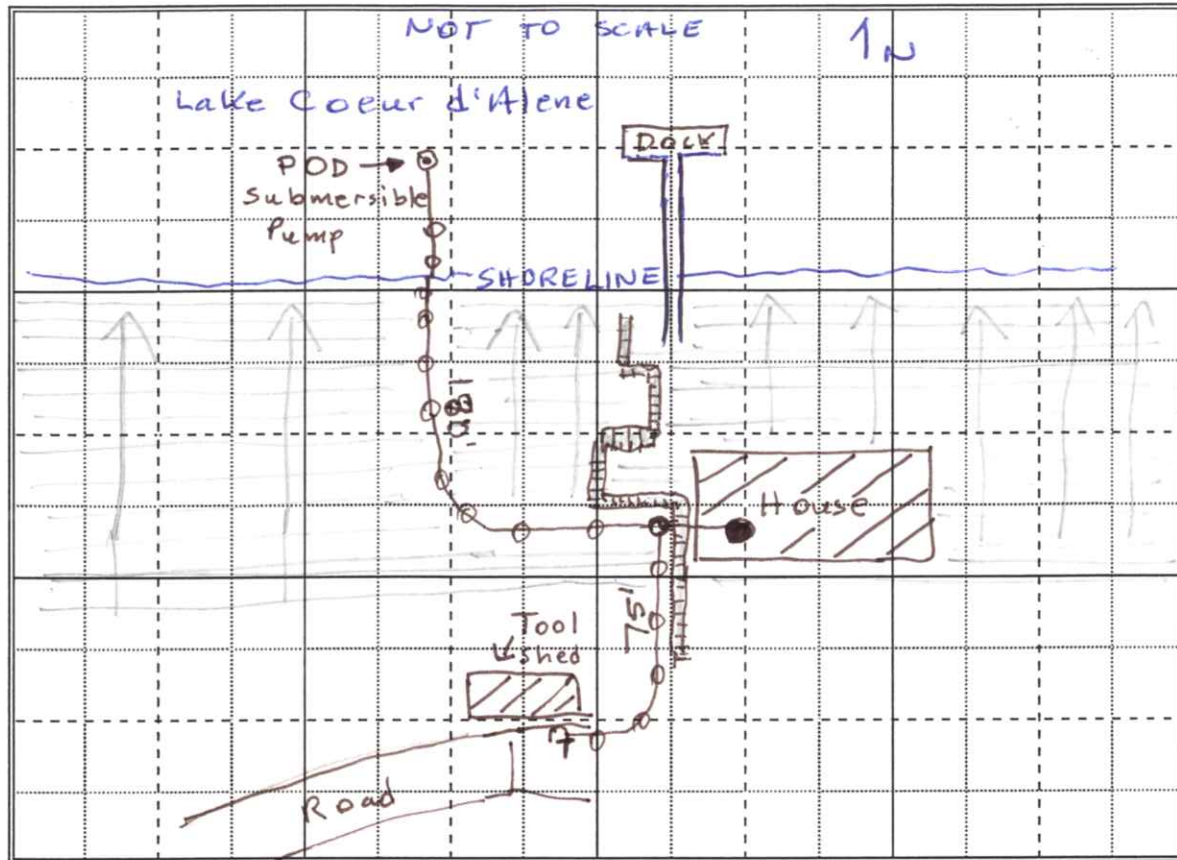
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Shawn M. May Date 10/2/07
 Reviewer [Signature] Date 10/3/07

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

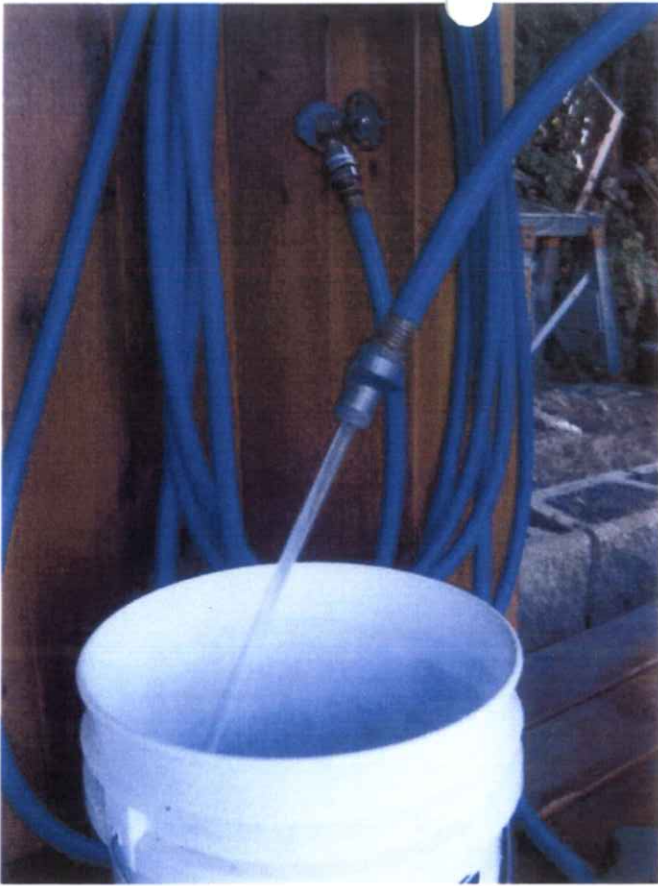


● Pressure Tank

▨ Building

||||| Stairs/Sidewalk

↑↑↑ Steep Slope/Cliff



95-8817 outdoor spigot



95-8817 Pressure tank



95-8817 Water and Electrical
Line to pump.



95-8817 water & Elect. line
to lake pump



95-8817 water line into lake





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Original Survey • [Twp 47N-4W, ID, Boise \(North, South, East, West boundaries and Subdiv. Lines\)](#)

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Kootenai County, Idaho

Mike McDowell, Assessor

Site Provided by ...
governmax.com T1.13

Parcel



Owner
1 of 15

Property Info

Parcel

Print View

Parcel Map →

Parcel Number
007800020240

AIN
148914

Situs Address
2477 W CLIFFDWELLERS DR, WORLEY

Current Total Value
\$454,681

Searches

Address

Parcel Number

Owner

AIN

Owner Name

Owner Address

Transfer Date

MARK & LISA JOHNSON FAMILY TRUST

PO BOX 56
FAIRFIELD WA 99012

12/20/2006

Owner Information

Location / Description

Functions

Home

Department Index

Assessor Home

Treasurer Home

Welcome Page

Login / Logout

Property Search

Printing Parcel Maps

Help

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Subscriptions

Treasurer Search

Tax Authority Group 066000

Situs Address 2477 W CLIFFDWELLERS DR, WORLEY

Acreage .8810

Legal Desc. BLACK'S HOMESITES, LT 24 BLK, 2 03 47N 04W

Parcel Type

Property Class Code 537- Imp res rural sub

Neighborhood Code 5072

Assessment Information

Appraisal Date	01-01- Current Year - 2007	Prior Year - 2006
Market Value Land	\$300,580 Homeowners Eligible Amt	\$0 Homeowners Eligible Amt
Market Value Improvement	\$154,101 Homeowners Eligible Amt	\$0 Homeowners Eligible Amt

Gov't Lots 4 & 5 Sec.3 Twp. 47 N. R.4 W.B.M.

47N04W-03

LAKE COEUR D'ALENE

Ptn Blacks Homesites

0-0780

Note:
Shoreline depiction for illustrative purposes only, property lines assumed to extend to ordinary mean high water mark for assessment purposes unless otherwise noted.



SEE SH4 DWG FOR PARCEL ASSESSMENTS