

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

SCANNED
MAY 29 2007

A. GENERAL INFORMATION

Permit No: 95-9321

Exam Date: 5/15/2007

1. Current Owner: THOMAS F FUDGE JR
5751 S MARY AVE
HARRISON ID 83833
(208) 755-2836
2. Accompanied by: UNACCOMPANIED APPROVED BY OWNER
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder:

3. SOURCE TRIBUTARY
COEUR D ALENE LAKE 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 NE1/4SE1/4 Sec. 5, Twp 49N, Rge 03W, B.M.
KOOTENAI County

Method of Determination: GPS

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
49N	03W	5													X				

PLACE OF USE: AESTHETIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
49N	03W	5													X				

Method of Determination:

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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: *Bucket*
5 gallons in 1 minute

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

$$5 \text{ gpm} = 0.01 \text{ cfs}$$

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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:

G. NARRATIVE/REMARKS/COMMENTS

The water system consists of two black flexible plastic pipes, a white enamel water tank manufactured by Pro-Line and a branch line that supplies the owners house. A water line from the house to an aesthetic pool completes the system. The pipes originate at an inlet approximately 100 feet from the shoreline of Lake Coeur d Alene. The first pipe is one inch in diameter. The second pipe is two inches in diameter. The pipes extend toward the shore from an inlet in Lake Coeur d Alene, cross the shoreline at an approximate angle of 90 degrees, and climb a steep bluff to a white enamel Pro-Line water system tank that is located on the East side of the owners home. The pipes are bound together at several points in the section lying in the Lake. The pipes run on the ground surface on the shoreline and part way up the bluff. The pipes are buried in the upper section of the bluff. The two inch line emerges from the ground on the East side of the house on the property and enters the water tank.

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	03/15 to 11/15	0.010 CFS	
AESTHETIC	03/15 to 11/15	0.010 CFS	
<u>Totals:</u>		0.010 CFS	1.20 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 Chad H Goodwin Date 5-29-07

Reviewer [Signature] Date 5/29/7

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0.03 0 0.03 0.06 Miles

-  Kootenai taxlots
-  GCDB50N04W GCDB
-  GCDB50N03W GCDB
-  GCDB49N03W GCDB
-  Right POD
-  Administrative BasinsAdminbas.shp
-  Pou.shp
-  Pod.shp





BASE OF WATERFALL



BEGINING OF WATERFALL



CURRENT PRESSURE OF
SYSTEM



PLACE OF USE



POINT OF DIVERSION

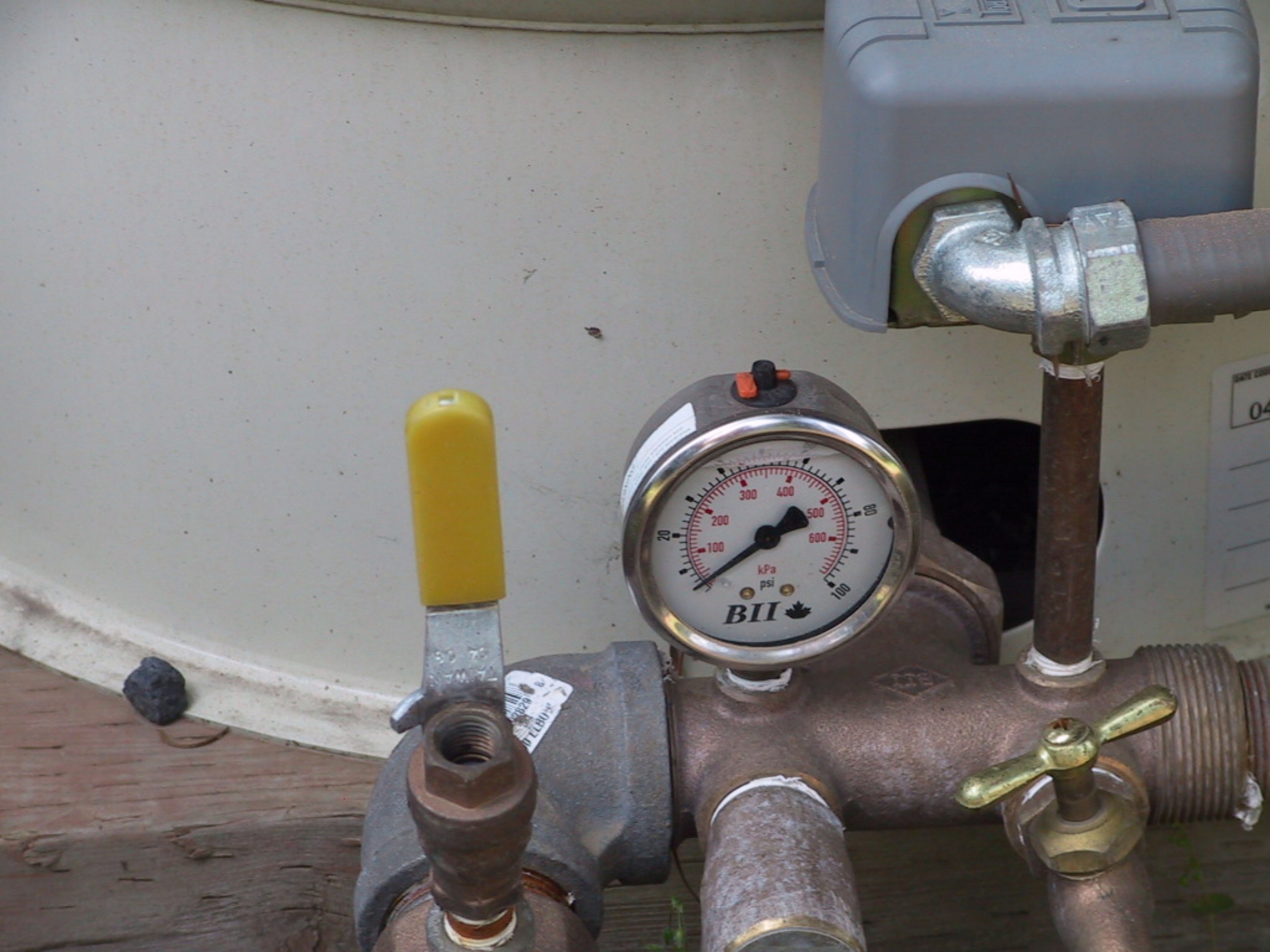


PRESSURE TANK FOR
WATER SYSTEM

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