

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9224

Exam Date: 6/21/2007

1. Current Owner: JEFF BAKER
7756 E HAYDEN HAVEN RD
HAYDEN LAKE ID 83835
(208)772-0980

And/Or

ROSS WELBURN
12181 STRAHORN RD
HAYDEN LAKE ID 83835
(208)772-8271

And/Or

SARAH JOHNSON
7510 E GEM SHORES RD
HAYDEN LAKE ID 83835
(208)772-9838

And/Or

DUNCAN KOLER
7687 E GEM SHORES RD
HAYDEN LAKE ID 83835
(208)772-7056

And/Or

AILEEN KOLER
7687 E GEM SHORES RD
HAYDEN LAKE ID 83835
(208)772-7056

And/Or

GLYNNIS BAKER
7756 E HAYDEN HAVEN RD
HAYDEN LAKE ID 83835
(208)772-0980

And/Or

TOM VAS DIAS
7418 E GEM SHORES RD
HAYDEN LAKE ID 83835
(208)762-0717

And/Or

SANDY VAS DIAS
7418 E GEM SHORES RD
HAYDEN LAKE ID 83835
(208)762-0717

And/Or

BILL WALKUP
2207 KEMPTON ST
OLYMPIA WA 98501

(360)753-6616

And/Or

KAY WALKUP
2207 KEMPTON ST
OLYMPIA WA 98501
(360)753-6616

And/Or

SHERYN WELBURN
1281 STRAHORN RD
HAYDEN LAKE ID 83835
(208)772-8271

And/Or

DENNIS POFFENROTH
1010 MERCITA DR
WALLA WALLA WA 99362
(509)386-2020

And/Or

SHARON POFFENROTH
1010 MERCITA DR
WALLA WALLA WA 99362
(509)386-2020

And/Or

BOB JOHNSON
7510 E GEM SHORES RD
HAYDEN LAKE ID 83835
(208)772-9838

2. Accompanied by: DUNCAN KOLER

Phone No: SAME AS ABOVE

Address: SAME AS ABOVE

Relationship to Permit Holder: SELF

3. SOURCE

HAYDEN LAKE

TRIBUTARY

SINKS

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 SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

HAYDEN LAKE

KOOTENAI County

L5 SW1/4NE1/4

Sec. 10, Twp 51N, Rge 03W, B.M.

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				<u>Totals</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>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
51N 03W 10	7.1	11.0	1.4														19.5
	L 1	L 2	L 5														

Total Acres: 19.5

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:

Meter
90 gpm

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

90 gpm = 0.2005 cfs
0.2 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 19.5 \times 3 = 58.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .2 \times 246 \times 1.9835 = 97.6 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 58.5 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM PULLS WATER OUT OF HAYDEN LAKE FOR THE IRRIGATION OF 19.5 ACRES ON 7 DIFFERENT PROPERTIES. THERE IS A 5 HP PUMP SUBMERGED IN THE LAKE CONNECTED TO A 4 INCH MAIN LINE. FROM THE MAIN LINE THERE IS A 2 INCH TRUNK LINE CONNECTING EACH PROPERTY IRRIGATION. THE SYSTEM DIVERTS 90 GPM FROM HAYDEN LAKE.

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	0.200 CFS	
<u>Totals:</u>		0.200 CFS	58.50 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 [Signature] Date 6-25-07
 Reviewer [Signature] Date 6/25/7

95-9224



-  GCDB51N03W GCDB
-  Right POD
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp





METER ON SYSTEM



POINT OF DIVERSION



SYSTEM



02654100

GALLONS

SENSUS

1 1/2" & 2"
PMM
SERIES



