

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-8855

Exam Date: 5/17/7

1. Current Owner: AVONDALE GOLF & TENNIS CLUB
10745 AVONDALE LOOP RD
HAYDEN LAKE ID 83835
(208)772-9423
2. Accompanied by: Tim Mack
Phone No: 772-6172
Address:
Relationship to Permit Holder: Greens Supervisor

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-12
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

L2 SW1/4NW1/4

Sec. 18, Twp 51N, Rge 03W, B.M.

KOOTENAI County

Method of Determination:

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N	03W	7								10.0	13.0	8.0 L 3	21.0 L 4	7.0					59.0
51N	03W	18					1.0	28.0 L 1	18.0 L 2	7.0	1.0								55.0

Total Acres: 114

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>
Submersible pump		40			

*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>
Meter						

2. Measurements: 300 Gallon per minute

E. FLOW CALCULATIONS☐ Additional Computation Sheets AttachedMeasured Method: $300 \text{ gpm} / 448.8 = 0.67 \text{ cfs}$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 114 \times 3 = 342$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 114 \text{ ac} \times 246 \text{ days} \times 1.9835 = 327 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 327 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS Attached map: the well is in the circled well house. Water is pumped into two ponds that about are near the center of the NWNW. During the evening irrigation the course is irrigated from the two ponds.

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	0.670 CFS	327.00 AF
<u>Totals:</u>		0.670 CFS	327.00 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 Kenneth Knoblock

Date

5/16/07

Reviewer

Heath Franklin

Date

5/18/07

