

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-11629

Exam Date: 8/5/2014

1. Current Owner: SUN UP BAY RESORT INC
9526 W PINE TERRACE RD
WORLEY ID 83876
(208)664-1897
2. Accompanied by: Mike Windisch
Phone No: 208-660-1309
Address: 9322 W Pine Terrace Worley, ID 83876

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-4064, 95-4065
2. Other water rights with the same point of diversion: None

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

GROUND WATER L4 NW1/4SW1/4 Sec. 19, Twp 48N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and Maps

2.

PLACE OF USE: MUNICIPAL

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>	
48N 04W 19							X			X							L 4

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</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>
D0057340		5			

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement	Type	Make	Model No.	Serial No.	Size	Calib. Date
Equipment						

2. Measurements: 82.9 GPM

PUMP EQUATIONS WATER RIGHT No. 95-11629						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	5	190.9524	0.8	110	35
Q = 0.185 cfs 82.9 gpm						

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: 53 Homes X 0.6AF = 31.8AF

G. NARRATIVE/REMARKS/COMMENTS

MUNICIPAL, 53 HOMES

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>
MUNICIPAL	01/01 to 12/31	0.190 CFS	31.80 AF
<u>Totals:</u>		0.190 CFS	31.80 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 *Eriq...* Date 12-11-2014

Reviewer *Adam...* Date 12-11-2014

State of Idaho
Department of Water Resources
Water Right License
95-11629



-  Point of Diversion
-  Water Service Area Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.0325 0.065 0.13 Miles





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Source: GROUND WATER
 and a permit is APPROVED for development of water as follows:

PERIOD OF USE
 to 12/31

RATE OF DIVERSION
 0.20 CFS

Jan 27, 2010 3:19PM H2O WELL SERVICE INC KOOTENAI County

Well Test Data Collection Form

Date of Test	1/18-19/2010	Owner	
Company Tested by:	H2O Well Service Inc.	Name of Well	
Well Depth	120'	Well Tag #	DO057340
Static Water Level	64'	Job Location	Sun-Up Bay Resort
Driller Tested		Video Well	
Test Pump Used	35GS50 5hp	Pitless/Pumphouse	
Pump Setting	96'+Pump 102' Suction	Condition	
Pipe Size 2"	Wire Size 10	Pressure Tank Size	
Observer	TJ & Don	Electrical Controls	

Clock me	Elapsed Time	Sounder Reading	Pumping Rate/GPM	PSI	Water Quality	GPM	(initial a
							Test Meter:



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