

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 25-14229

Exam Date: 7/17/2014

1. Current Owner: MOUNTAIN RIVER SPORTSMANS RV PARK & CAMP
64 N 5050 E
RIRIE ID 83443
(208)538-7337
2. Accompanied by: None
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE TRIBUTARY
GROUND WATER

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:

GROUND WATER L4 SW1/4NE1/4NW1/4 Sec. 36, Twp 04N, Rge 40E, B.M.
JEFFERSON County

Method of Determination: GPS and aerial photography.

2.

PLACE OF USE: COMMERCIAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	40E	36					X												
							L 4												

Method of Determination: Aerial photography and site visit.

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 Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge
Size**

A0012059

5.0

D. FLOW MEASUREMENTS

1. Measurements:
Unable to do a measurement. Use theoretical calculation.

E. FLOW CALCULATIONS

___x___ Additional Computation Sheets Attached

Measured Method:

5.0 hp submersible pump with static water level 25.0 ft.

Q= 0.22 cfs

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:

70 gallons a day/hookup for 30 hookups = 2.4 acre-feet

1 shower building with 4 showers and 4 toilets = 0.6 acre-feet

Total volume = 3.0 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

5 hp submersible pump to 35 RV hookups and 1 shower building. This right was permitted for 30 RV hookups and 1 shower building. This permit will be licensed for 30 RV hookups and 1 shower building.

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>
COMMERCIAL	01/01 to 12/31	0.200 CFS	3.00 AF
<u>Totals:</u>		0.200 CFS	3.00 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 Blake Jordan Date 7/17/2014

Reviewer _____ Date _____

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 25-14229

Reviewer: Blake Jordan

Date of Review: 7/17/2014

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	5		
BOOSTER HORSEPOWER	0		
PUMPING LEVEL	25		
DISCHARGE PRESSURE	50		
RATE OF FLOW (cfs)	0.22	#DIV/0!	#DIV/0!

The above calculates the formula =
$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
No Friction

Examiners Notes:

25-14229





