

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-07442

Exam Date: 6/30/2017

1. Current Owner:
COUNTRY LANE RESORT LLC 5927A OLD RIVER RD KINGSTON ID 83839-8759 (509) 879-5443

2. Accompanied by: Current owners

3. **SOURCE:**
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 SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4, Twp 49N, Rge 02E, B.M. SHOSHONE County

Method of Determination: Maps and GPS. POD located at -116° 12.473, 47° 37.466

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	
49N	02E	4			X	X									X L 7	X L 6			

Method of Determination: Google Earth and Arcmap.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

 X Indicate weir size/pipe as applicable. X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater. X Aerial Photo Attached (required for irrigation of 10+ acres). X 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
94-74-N-7	UNKNOWN	3/4			

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: Unable to perform flow measurement due to lack of proper location.

E. FLOW CALCULATIONS

Measured Method: Unable to perform flow measurement.
 Theoretical pumping equation estimates flow rate of 15.1 gpm or 0.03 cfs.

 X Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses: Resort usage

Usage from Memorial Day to Labor Day will be equal to 97 days

Usage from Labor Day to Memorial (Thursday thru Sunday) will be equal to 148 days

Bed & breakfast winter days equal to 74

Tent campers – 30 campers x 25 gpd x 97 days = 72,750 gallons

34 RVs (just water hookup) – 34 RV x 25 gpd x 97 days = 72,450 gallons

13 RVs (full hookups) – 13 RV x 50 gpd x 97 days = 63,050 gallons

Bar/restaurant/store (summertime) – 100 people x 9 gpd x 97 days = 87,300 gallons

Bar/restaurant/store (wintertime) – 30 people x 9 gpd x 148 days = 39,960 gallons

Bed & breakfast (innkeeper) – 1 person x 60 gpd x 365 days = 21,900 gallons

Bed & breakfast (summertime) – 12 guests x 60 gpd x 97 days = 69,840 gallons

Bed & breakfast (wintertime) – 12 guests x 60 gpd x 74 days = 53,280 gallons

$$72,750 + 72,450 + 63,050 + 87,300 + 39,960 + 21,900 + 69,840 + 53,280 = 480,530 \text{ gpy} / 325,850 = 1.5 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

This permit was split and ownership changes were made by both parties. A parcel of land across the river was sold and those owners filed a change in ownership and split and this was performed at time of licensing. A change in ownership was also performed on this right at time of licensing.

Field exam with current owners showed a well serving a resort that had RV sites, tent sites, store, restaurant/bar, and a bed & breakfast. The well was equipped with a 3/4hp pump that diverted water to a 6,000 gallon reservoir. A call was placed to DEQ to confirm the 3/4hp pump was in the well and they confirmed this. From the reservoir, there were pressure tanks and booster pumps to provide water all over resort. There was no adequate place to perform a flow measurement as water went directly into storage tank with no exposed pipe. A theoretical pumping equation was performed and estimated the well could produce 15.1 gpm or 0.03 cfs.

The water usage for this right will be pretty complicated because there are different amounts of usage during different times of the year. I will try to explain it as much as possible in this narrative, but the math will make more sense on the field exam report. All usage rates were found on planning guide for water use table.

The resort had restaurant/bar and store and would average 100 customers per day between Labor Day and Memorial Day. During the rest of the year, they are open Thursday thru Sunday and average 30 people per day during those times. Those customers will be given 9 gallons each and that is equal to 127,260 gallons per year. One of the main attractions of the resort is the camping. The resort was equipped with 47 RV sites, 13 of those sites had full hookups and the rest had only water and power hookups. The usage for camping was from Labor Day to Memorial. The full hookup RV sites will be given 50 gpd and all other sites will be given 25 gpd. The annual usage for the RV sites is equal to 145,500 gallons per year. There are also 30 tent sites with frost free hydrants available for use along with 5 bathrooms and 3 showers. The tent campers will be given a usage of 25 gpd. The tent campers will be given an annual volume of 72,750 gallons per year.

The bed & breakfast had a full time inn keeper and 6 bedrooms for guests. The year round inn keeper was given 60 gpd or an annual volume of 21,900 gallons per year. The bed & breakfast was used full time between Memorial Day and Labor Day. The rest of the year the bed & breakfast would be open usually on weekends and for some special occasions equal to 74 days of use. With all bedrooms full, the customers would be equal to 12 per day and each will be given a rate of 60 gpd. The year round use of customers and inn keeper will be 145,020 gallons per year.

The owners said they do not irrigate on property. At time of the exam, the resort was packed at capacity and the bar was full of customers. I believe the numbers presented accurately represent the usage at the resort. The license will be issued for a diversion rate of 0.03 cfs and an annual volume of 1.5 acre-feet for commercial use. All other uses will be removed from license. There was only 1 well being used at the resort so the license will only show that instead of the 3 that were applied for. Condition 01M will remain on license as well as a condition describing the commercial use. That condition will be slightly altered to better describe the uses at the resort. Condition 004 will also remain. All other conditions on permit will be removed. There are no overlap concerns.

Have conditions of permit approval been met? X 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	0.03 CFS	1.5 AF
	<u>Totals:</u>	0.030 CFS	1.50 AF

2. Recommended Amendments

 Change P.D. as reflected above Add P.D. as reflected above X None

 Change P.U. as reflected above Add P.U. as reflected above X None

I. AUTHENTICATION

Field Examiner's Name Adam Fink Date 4/30/2018

Reviewer Douglas P.E. Date 6/4/18

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

COPY

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USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

Drinking Water Branch

Links

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Results](#)
[Chem/Rad
Samples/Results](#)
[Chem/Rad
Samples/Results by
Analyte](#)
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Water System Details

Water System No. :	ID1400094	Federal Type :	NC
Water System Name :	COUNTRY LANE RV PARK	State Type :	NC
Principal County Served :	SHOSHONE	Primary Source :	GW
Status :	A	Activity Date :	07-16-1999

Points of Contact

Name	Job Title	Type	Phone	Address	Email
HAUSER, TRACI		FC			
HAUSER, TRACI		EC			
HAUSER, TRACI		AC			
HAUSER, TRACI		OW			
HAUSER, TRACI		SA			

Annual Operating Periods & Population Served

Service Connections

Start Month	Start Day	End Month	End Day	Population Type	Population Served	Type	Count	Meter Type	Meter Size Measure
1	1	12	31	T	26	CB	15	UM	0

Sources of Water

Service Areas

Name	Type Code	Status
WELL #1	WL	A

Code	Name
R	RESIDENTIAL AREA
T	RESTAURANT

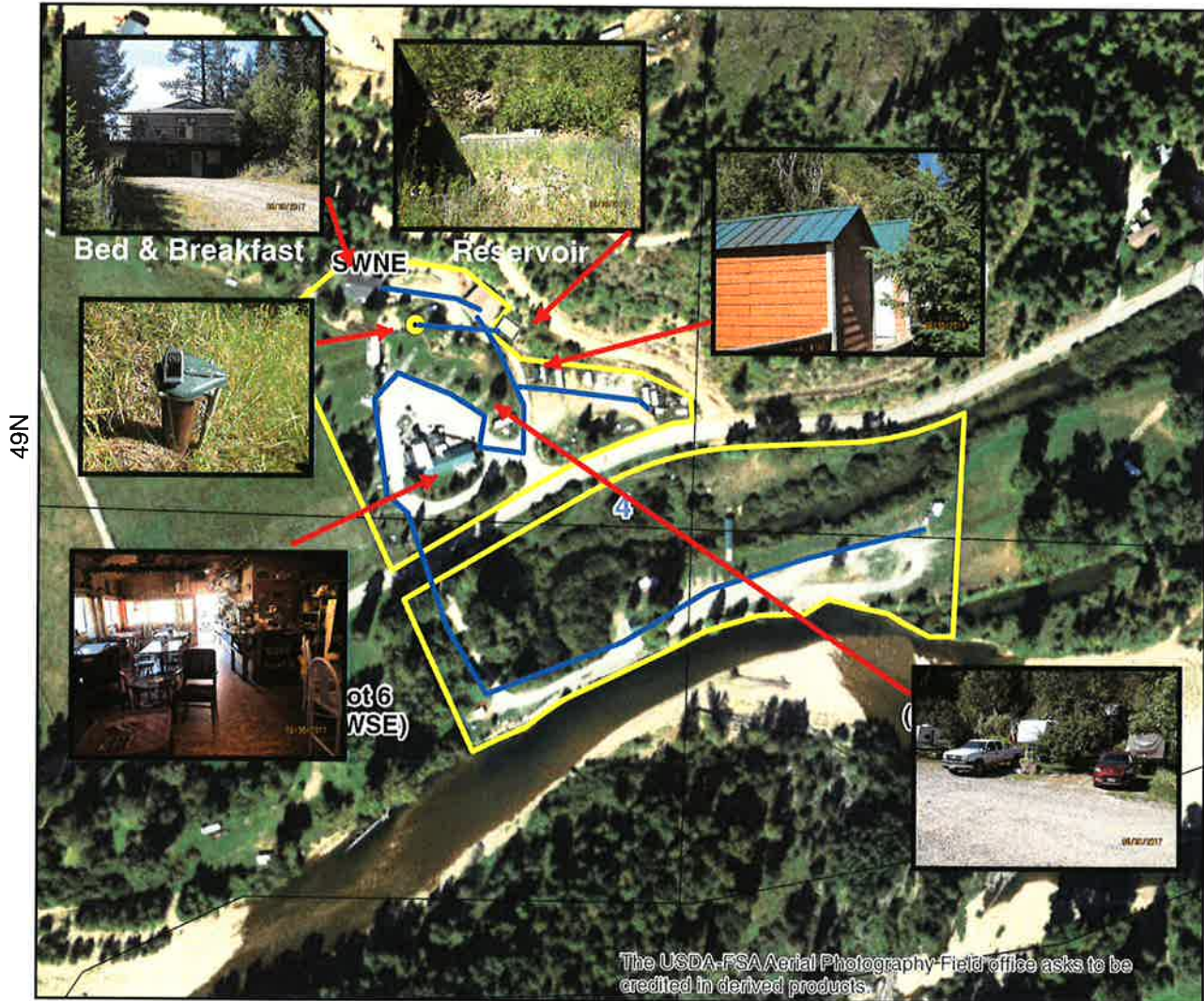
Water Purchases

Seller Water System No.	Water System Name	Seller Facility Type	Seller State Asgn ID No.	Buyer Facility Type	Buyer State Asgn ID No.
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State of Idaho
Department of Water Resources
Attachment to Field Exam
94-7442

COMMERCIAL / SYSTEM DIAGRAM

02E



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

0 0.035 0.07 0.14 Miles

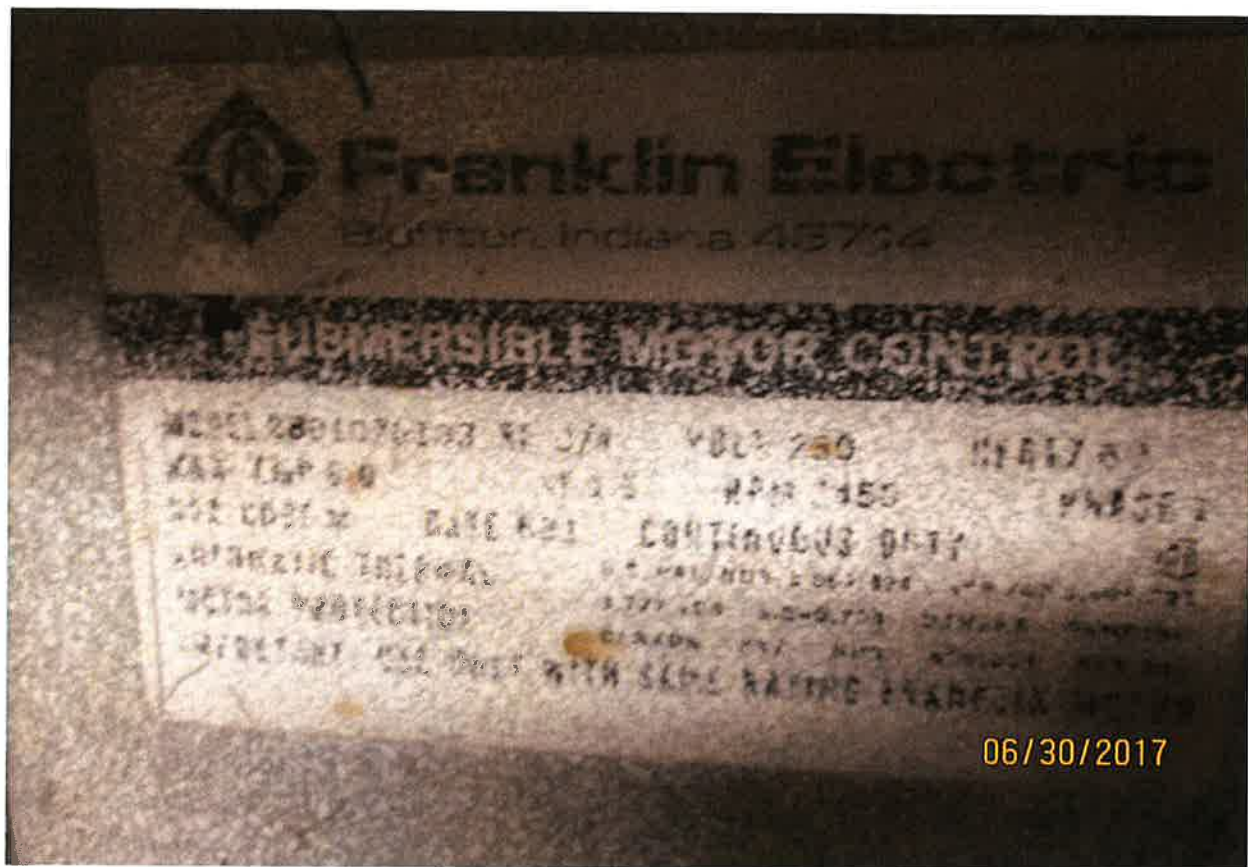




Yes ☐	<u>Morrison</u>	☐ or ☐ and/or	<u>206</u>	<u>1. Com</u>
ment. by the new owner.				
owner any Water er right requires a ply a W-9. Water ig in the calendar ner(s).				
The conveyance yed. each wa right				

06/30/2017





It is difficult to see, but there is $\frac{1}{4}$ hp pump in well. Pump size also confirmed with DEQ.



Water was pumped to a 6,000 gallon reservoir.



Water from the reservoir was then put into pressure tanks with two booster pumps for high demand.





Bed & Breakfast home.



Bar/restaurant POU.



RV sites.





RV sites.





Bed & Breakfast POU.



Tent camping POU.



Tent camping POU.





Shower and bath houses.