

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7506

Exam Date: 9/14/2012

1. Current Owner: JAMES S READ
3696 N 1600 E
PRESTON ID 83263
(208)852-3944
2. Accompanied by: Lavell Tippetts and Chris Coombs (Current owner of Riverdale Resort)
Phone No: 208-852-0266
Address: 3696 North 1600 East, Preston, ID 83263
Relationship to Permit Holder: Read sold to Tippetts. Tippetts sold to his grandson, Coombs.

3. SOURCE

SPRING

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 13-7420 is used for the swimming pools and tubs/showers at the Riverdale Resort. Riverdale Resort is within the service boundary of the Preston Riverdale Irrigation Co.
2. Other water rights with the same point of diversion: None.

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

SPRING SE1/4SW1/4SW1/4 Sec. 31, Twp 14S, Rge 40E, B.M. FRANKLIN County

Method of Determination: GPS

** Permit lists the POD in the NENWNW of Section 6, T15S, R40E. Amendment needed to correct POD.

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14S	39E	36			X														
14S	40E	31						X											

Method of Determination: Aerial Photography

** Permit only lists use in the SWNW of Section 31. Amendment needed to correct POU.

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

D. FLOW MEASUREMENTS

1. Measurements: Simple domestic use. Measurement not required. Spring flow appeared to be > 0.04 cfs.

E. FLOW CALCULATIONS

Measured Method:

_____Additional Computation Sheets Attached

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

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

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

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

2. Volume Calculations for Other Uses:

Volume for resort kitchen = 100 gal per day

Volume for RV Park = 50 gal per space per day = 900 gal per day

Volume for RV park bathrooms = 75 gal per day per bathroom = 150 gal per day

Volume for motel rooms = 50 gal per day per room = 450 gal per day

Total Volume for Riverdale Resort use = 1,600 gal per day = 1.8 acre-feet

Volume for 1 home domestic use = 1.2 acre-feet (in-house culinary and ½ acre of irrigation)

Total water right volume limit = 3.0 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

Spring developed 3/4 miles to the south of the Riverdale Resort. Water is piped from spring to resort. Water is treated with chlorine at the spring house. Excess spring water flows into unnamed stream near spring. Stream sinks close to spring.

Water is used at the Riverdale Resort for an RV park, which is made up of 18 RV spaces and a tent area. There is only one spigot for the entire RV area. There is also a restroom building for the RV park: two toilets and two sinks. Water is used at the resort for 8 motel rooms (sink and toilet only). Water for the tubs and showers in the rooms is delivered from the Resorts ground water right (13-7420). Water is also used at the resort for culinary purposes associated with the kitchen.

Water from the spring is also delivered to a single-family home located 1/2 mile to the west of the resort. Domestic use at the home includes in-house use and outside lawn and garden irrigation.

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>
DOMESTIC	01/01 to 12/31	0.040 CFS	3.0 AF
<u>Totals:</u>		0.040 CFS	

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 James Cefalo Date 9/19/2012

Reviewer _____ Date _____

13-7506 (Riverdale Resort)



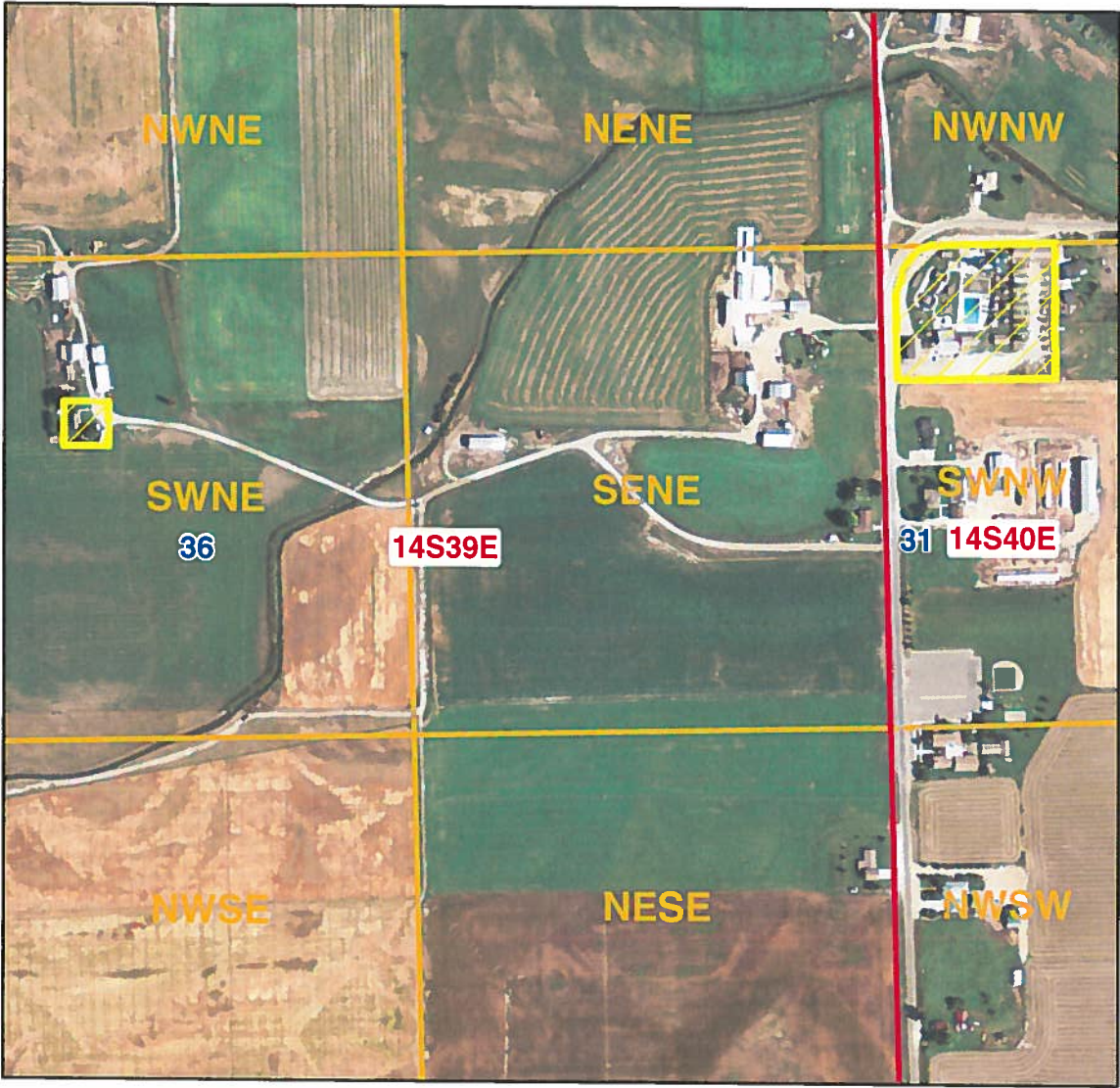
Legend

-  Water Right POD
-  Water Right POU
-  Township/Range
-  Sections
-  QQ

0 1,100 2,200
Feet



13-7506 (Riverdale Resort)



Legend

- Water Right POD
-  Water Right POU
-  Township/Range
-  Sections
-  QQ









