

Permit No: 11-7421

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 11-7421

Exam Date: 5/29/2013

1. Current Owner: US DEPT OF AGRICULTURE
FOREST SERVICE
1405 HOLLIPARK DR
IDAHO FALLS ID 83401
(208)557 5768
2. Accompanied by: Myron – former FS employee, contracted by Forest Service to start up water system for 2013.

3. **SOURCE**

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Statutory claim 11-4168 (no longer used).
2. Other water rights with the same point of diversion: None.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE1/4SW1/4 Sec. 21, Twp 12S, Rge 42E, B.M. BEAR LAKE County

Method of Determination: GPS

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	
12S	42E	21		X			X												
12S	42E	29	X																

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12S	42E	20																X	

Method of Determination: GPS and aerial photography.

3. Delivery System Diagram Attached.

✓ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required).

✓ Aerial Photo Attached (required for irrigation of 10+ acres).

✓ Photo of Diversion and System Attached

D. VOLUME CALCULATIONS

Domestic

Main Campground: 25 gal/camper/day x 250 campers/day x 100 days = 625,000 gallons

Group site: 15 gal/camper/day x 250 campers/day x 100 days = 375,000 gallons

Total domestic = 1,000,000 gallons per year = 3.1 af per year

Stockwater: 1150 sheep x 2 gal/sheep/day x 30 days = 69,000 gal per year = 0.2 af per year

Total Volume = 3.1 af + 0.2 af = 3.3 af per year

E. NARRATIVE/REMARKS/COMMENTS

Well diverts water to 10,000 gal tank. Water from tank distributed to main campground, one group site, and stockwater troughs. Ground water pump originally powered by propane, now converted to solar power. DEQ tag E0008204. Well is located in the SESW of Section 21. Permit is for the NESW of Section 21. Amendment required.

Main campground: 2 restroom buildings with water. Each building has 4 flush toilets and 2 sinks. 10 spigots are distributed throughout campground. 23 individual campsites (5 person) and 2 group sites (50 person and 75 person). In total, the campground can hold about 250 people. Generally campground is used from mid-June to mid-September.

Separate group site: 4 water spigots. Vault toilets; no water. No water in group pavilion. 250 person limit. Generally, group site is used from mid-June to mid-September.

Stockwater: water is piped to a chain of sheep troughs. Troughs are located less than 1/4 mile from the parking area for the separate group site. Troughs are in the SESE of Section 20 rather than the SWNW of Section 29. Amendment required. Troughs are only used for a couple of weeks in the fall.

Campground used to be covered by a spring (described in statutory claim 11-4168). Spring source has not been used at campground since 1995. No combined limit needed.

Have conditions of permit approval been met? ☒ Yes ☐ No

F. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	06/01 to 11/01	0.040 CFS	3.10 AF
STOCKWATER	06/01 to 11/01	0.020 CFS	0.20 AF
<u>Totals:</u>		0.060 CFS	3.30 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

G. AUTHENTICATION

Field Examiner's Name James Cefalo Date June 2, 2013

Reviewer _____ Date _____

 Water Right POD
 Water Right POU
 Township/Range
 Sections
 QQ



2009 Aerial Photography



Solar panels on pump house



Stock troughs



Well head near pump house



stock troughs for sheep



IDEQ tag



top of 10,000 gal tank



Valve at group site for stock trough line



Spigot at group site



trough system equipped with float