

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-17231

Exam Date: 5/8/2012

1. Current Owner: SALMON TRACT RURAL FIRE PROTECTION DIST
2450 N 2411 E
TWIN FALLS ID 83301
(208)655-4222

2. Accompanied by: Jeff Cooper (IDWR), I spoke with Rodney Davis of the Salmon Tract Rural Fire Protection District on the telephone prior to the field exam.

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

GROUND WATER NW1/4SW1/4 Sec. 27, Twp 12S, Rge 16E, B.M.
TWIN FALLS County

Method of Determination: Field observation, aerial photography, and IDWR GPSed well data point (site tag #D003687)

2.

PLACE OF USE: DOMESTIC

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>	
12S	16E	27										X							

PLACE OF USE: FIRE PROTECTION

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>	
12S	16E	27										X							

Method of Determination: Field observation and aerial photography

D. FLOW MEASUREMENTS N/A (None Taken)

E. FLOW CALCULATIONS

Prior to the exam I spoke with Rodney Davis of the Salmon Tract Rural Fire Protection District on the telephone. Mr. Davis indicated that he could not remember exactly what size pump they had in the well and was not sure if he could dig up any information to verify the pump size. However, he did indicate that when a 275 gallon tank truck was filled up it took 15 to 20 minutes to fill the tank.

Assuming 15 minute fill time...

275 gallons ÷ 15 minutes = 18.33 gallons per minute = 0.04 cubic feet per second

F. VOLUME CALCULATIONS

Not required for domestic (42-111) and fire protection uses per new Beneficial Use Examination Rules implemented 3/29/2012

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 47-17231 was filed on July 5, 2005 for the appropriation of a total of 0.11 cfs of groundwater for domestic and fire protection use (0.04 cfs for domestic and 0.11 cfs for fire protection) for a fire station for the Salmon Tract Rural Fire Protection District. The permit was approved on August 23, 2005. The permit lapsed on August 8, 2006, but proof of beneficial use was filed later on August 30, 2006. The permit was reinstated by order on April 9, 2007 which resulted in an advancement of the priority date to August 3, 2005.

Rodney Davis of the Salmon Tract Rural Fire Protection District was contacted by telephone to discuss the permit and the possibility of performing an examination. Mr. Davis indicated that he could not remember exactly what size pump they had in the well and was not sure if he could dig up any information to verify the pump size. However, he did indicate that when a 275 gallon tank truck was filled up it took 15 to 20 minutes to fill the tank. Assuming this represents the maximum flow of the system results in a system capacity of only 0.04 cfs, rather than the permitted amount of 0.11 cfs. Mr. Davis indicated that the fire station building has a small office with a restroom and that the district has two meetings a month, with one of the meetings consisting of approximately six people and the other meeting consisting of approximately twelve people. He indicated that they rarely ever fill a tanker truck (he could only remember the one time) and that they wash a truck "once in a while". It appears that any non fire protection water use at the facility would easily fall within the "part b" domestic use limits (0.04 cfs and 2,500 gpd). On May 8, 2012, while in the area, Jeff Cooper and I stopped by the fire station and verified the well location and the presence of the fire station building (see attached photos). It is recommended that license 47-17231 be issued for a total of 0.04 cfs for domestic and fire protection uses. Note that a volume estimate is not required for domestic and fire protection uses per new Beneficial Use Examination Rules implemented 3/29/2012.

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	N/A
FIRE PROTECTION	01/01 to 12/31	0.040 CFS	N/A
Totals:		0.040 CFS	N/A

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

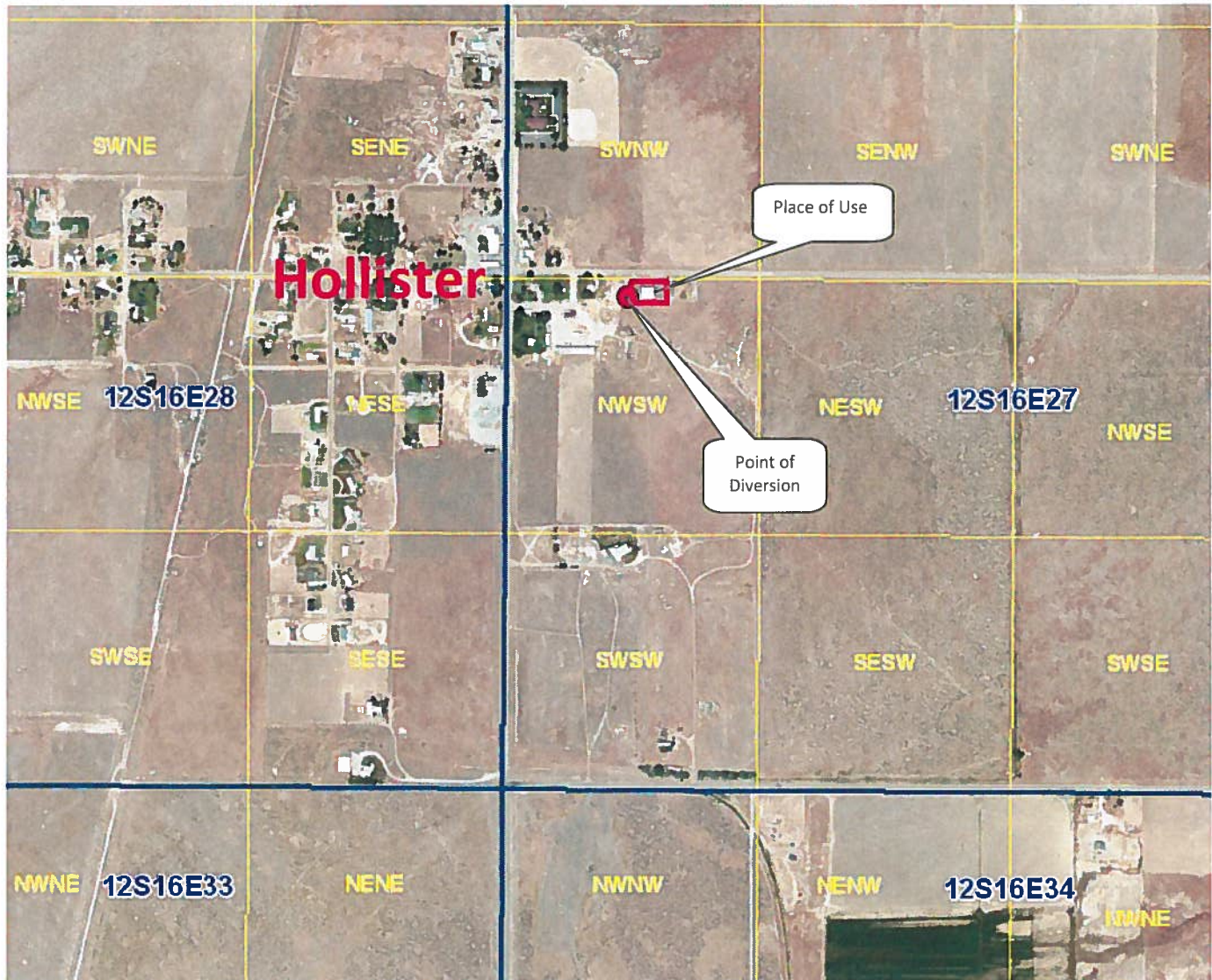
I. AUTHENTICATION

Field Examiner's Name *Jeff Cooper* Date 6/7/2012

Reviewer *Jeff Cooper* Date 6/8/2012

47-17231 Point of Diversion and Place of Use Map

Bing Maps Aerial Photography



47-17231 Point of Diversion and Place of Use Photos



ABOVE: View of point of diversion (well). The well site tag has an identification number of D0036867.

BELOW: View of the front of the Salmon Tract Rural Fire Protection District Building. The front of the building is approximately 140 feet east of the well shown in the view above.

