

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8798

Exam Date: 12/5/2012

1. Current Owner: FAYE L TUPPER
1110A E 2700 S
HAGERMAN ID 83332
(208)837-4862
2. Accompanied by: David Tupper
Phone No: 208-280-2219
Address: 1114 E. 2700 S., Hagerman, ID 83332
Relationship to Permit Holder: Son of permit holder

3. SOURCE

TUPPER SPRINGS

TRIBUTARY

BILLINGSLEY CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 36-115C, 36-4073, 36-115B, 36-8799(permit)

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

TUPPER SPRINGS

SW1/4SE1/4SW1/4

Sec. 18, Twp 07S, Rge 14E, B.M.

GOODING County

Method of Determination: ArcMap aerial photography and site visit

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	
07S	14E	19						X											
								L 1											

Method of Determination: ArcMap 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 DiversionID No.*Motor MakeHpMotor Serial No.Pump MakePump Serial No. or DischargeSize

NA

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

D. FLOW MEASUREMENTS

1.

MeasurementEquipmentTypeMakeModel No.Serial No.SizeCalib. Date

Flowmeter

Sonic

Fuji

2. Measurements: Made a 10 minute run with the Fuji flowmeter.

E. FLOW CALCULATIONS X Additional Computation Sheets Attached

Measured Method: The flowmeter test yielded a flow rate of 71 gpm or 0.16 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses: Under Beneficial Use Examination Rules, no volume is necessary.

G. NARRATIVE/REMARKS/COMMENTS

Water is initially diverted from the main Tupper Spring in a perforated 2 foot long section of buried 10 inch PVC pipe. It is reduced to 6 inch PVC upon reaching the surface. Approximately 60 feet from the POD, the pipe splits off into two, 2 inch flexible hoses, which run, at times buried, and at times on the surface, downhill. One hose serves two homes before rejoining the other hose. The remaining line services a water bottling facility before it arrives at the permit POU. The drop in elevation from the POD to the POU causes enough pressurization to avoid the need for any supplemental pumping. In addition to the use inside the home, irrigation of approximately one half acre of lawn and landscaping is accomplished with this permit.

The other water rights diverted from the springs via the pipeline are 36-115B (domestic, 0.04 cfs), 36-115C (domestic, 0.04 cfs), 36-4073 (domestic, 0.02 cfs), and permit 36-8799 (domestic, 0.04 cfs, for bottling water). Water rights 36-4073 and 36-115C appear to be appurtenant to the same home. The total measured flow in the pipeline was 0.16 cfs, while the sum of the flow of the above rights is 0.18 cfs. Because the water bottling permit (36-8799) is used on an intermittent schedule, there is adequate flow in the pipeline to serve all of the water rights and permits. In addition, all but one of the water rights in the pipeline are owned and used by the Tupper family, and Mr. Tupper reports no deficits in water availability in the pipeline.

Water rights 36-7841 and 36-15554 list Tupper Spring as their source, but in reality they are diverted below the spring and so should be listed as Unnamed Stream, tributary to Billingsley Creek. Right 36-15496 correctly lists Unnamed Stream, tributary to Billingsley Creek as its source.

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	1/01 to 12/31	0.040 CFS	
<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  Date 12/05/2012

Reviewer  Date 3/25/12



POD at spring

Water line to Tupper home





Views of the Tupper home near Hagerman



Tupper Permit

LOG NAME:DAVID
START :12-05 17:18
END :12-05 17:28
INTERVAL:00:01:00

12/5/2012 17:18
+8.680E-1 ft/s
+7.153E+1 gal/m
+TOTAL 0000000 gal
NORMAL

12/5/2012 17:24
+8.581E-1 ft/s
+7.072E+1 gal/m
+TOTAL 0000427 gal
NORMAL

12/5/2012 17:19
+8.723E-1 ft/s
+7.189E+1 gal/m
+TOTAL 0000070 gal
NORMAL

12/5/2012 17:25
+8.692E-1 ft/s
+7.162E+1 gal/m
+TOTAL 0000498 gal
NORMAL

12/5/2012 17:20
+8.797E-1 ft/s
+7.249E+1 gal/m
+TOTAL 0000141 gal
NORMAL

12/5/2012 17:26
+8.610E-1 ft/s
+7.095E+1 gal/m
+TOTAL 0000568 gal
NORMAL

12/5/2012 17:21
+8.746E-1 ft/s
+7.207E+1 gal/m
+TOTAL 0000213 gal
NORMAL

12/5/2012 17:27
+8.573E-1 ft/s
+7.065E+1 gal/m
+TOTAL 0000639 gal
NORMAL

12/5/2012 17:22
+8.650E-1 ft/s
+7.128E+1 gal/m
+TOTAL 0000284 gal
NORMAL

12/5/2012 17:28
+8.691E-1 ft/s
+7.162E+1 gal/m
+TOTAL 0000710 gal
NORMAL

12/5/2012 17:23
+8.686E-1 ft/s
+7.157E+1 gal/m
+TOTAL 0000355 gal
NORMAL

71 gpm
0.16 cfs

Idaho Department of Water Resources



System Diagram
Permits 36-8798 and 36-8799

Legend

- Township/Range
- Sections
- QQ

Date: 12/9/2013

0 0.0125 0.025 0.05 Miles

