

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8799

Exam Date: 12/5/2012

1. Current Owner: DAVID J TUPPER
1114 E 2700 S
HAGERMAN ID 83332
(208)837-6444
2. Accompanied by: David Tupper
Phone No: 208-280-2219 (cell)
Address: same as above
Relationship to Permit Holder: Permit holder

3. SOURCE

TUPPER SPRINGS

TRIBUTARY

BILLINGSLEY CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 36-4073 (Portion), 36-115C (Portion) The water bottling portions of these water rights were brought in via transfer after Proof of Beneficial Use was filed for this permit.
2. Other water rights with the same point of diversion: 36-115C, 36-4073, 36-115B, 36-8798 (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 imagery 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	18												X					

Method of Determination: ArcMap aerial imagery 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 Diversion
ID No.*

Motor MakeHpMotor Serial No.Pump Make

Pump Serial No. or Discharge
Size

NA

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

D. FLOW MEASUREMENTS

1.

Measurement
Equipment

TypeMakeModel No.Serial No.SizeCalib. Date

Flowmeter

Sonic

Fuji

2. Measurements: Performed a ten 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: No annual volume need be assigned under Beneficial Use Examination rules; domestic uses under 42-111 are exempt.

G. NARRATIVE/REMARKS/COMMENTS

Water is 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 diameter 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 has service lines leading to two homes before rejoining the other hose. This line then serves the water bottling shed, and further downhill, the last home, which is the subject of permit 36-8798.

The waterline to the bottling shed drops about 45 feet in elevation, so it develops enough pressure to fill bottles on its own, though Mr. Tupper has installed a small pressurization pump to aid in filling the bottles more rapidly. Each bottle is filled individually and the water is turned off between filling bottles. Approximately 500 five gallon jugs per day are filled during normal operation, which would keep the daily volume within the 2500 gallon per day limitation.

The other water rights diverted from 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). 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 should be 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 deliveries.

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 [Signature] Date 12/05/2013

Reviewer [Signature] Date 3/25/2014



Point of Diversion

Flexible hoses branch off of six inch PVC pipe





Service line branching off to home

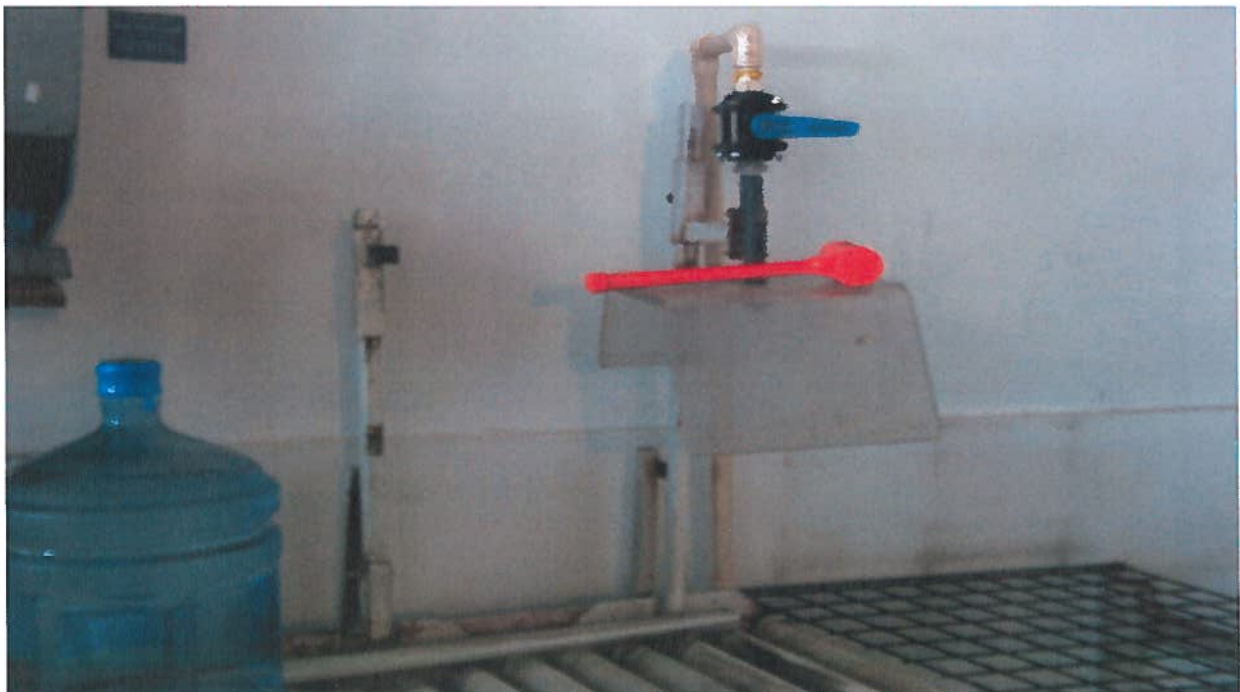
View of bottling facility





Racks of filled five gallon bottles

Water bottling station inside facility



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

