

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 85-15684

Exam Date: 10/3/2012

1. Current Owner: DOUBLE DOLLAR HOLDINGS LLC
PO BOX 16025
MISSOULA MT 59808

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE**

GROUND WATER

KENDALL

BRAD MOORE

General Manager
bradmoore@kendallauto.com

Phone: 208.746.9801
Cell: 208.724.7851

Chevrolet | Subaru

2301 3rd Avenue North
Lewiston, ID 83501-1625

888.746.9801
Fax: 208.746.9806
kendallautoidaho.com

ACURA CADILLAC CHEVROLET CHRYSLER DODGE FORD
HONDA JEEP KIA LEXUS MAZDA SCION SUBARU TOYOTA

B. OVERLAP REVIEW

1. Other water rights with the same place of use: city of Lewiston rights, the permit holder uses their well for irrigation and city water for potable water
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 NW1/4NW1/4 Sec. 32, Twp 36N, Rge 05W, B.M. NEZ PERCE County

Method of Determination: GPS

2.

PLACE OF USE:			IRRIGATION																
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>	
36N	05W	32						1.0											1.0

Total Acres: 1

Method of Determination: Aerial Imagery

3. ☐ Delivery System Diagram Attached (not required).
- ☒ 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.

<u>Well or Diversion</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
ID No.* D0054322		2			

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Bucket and stopwatch						
Pressure gage						

2. Measurements:

Physical measurement using a 5 gallon bucket

E. FLOW CALCULATIONS

Measured Method:

I filled a calibrated 5 gallon bucket twice and notice that the bucket filled in nearly the same amount of time; therefore, the two fills were sufficient.

1st Fill: 10.37 seconds = 5 gallons x 60 seconds / 10.37 seconds = 29 gpm or 0.064 cfs

2nd Fill: 9.50 seconds = 5 gallons x 60 seconds / 9.50 seconds = 32 gpm or 0.070 cfs

I measured the pressure at the hydrant and obtained the depth to water from the well driller's report. A secondary check with the horsepower equation gives us:

$$8.8 \times 2\text{hp} \times 0.7 / 110 + (2.31 \times 52) = 12.32 / 230.12 = 0.053 \text{ or } 0.05 \text{ cfs}$$

The permitted rate of 0.04 cfs is justified

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 4 = 4 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.04 \times 1.9835 \times 294 = 23.3 \text{ afa}$$

OR

Because the diversion rate is higher than normally authorized, staff provided preliminary figures at the application level that estimated that 2.5 af would be the amount of water required annually (see review memo dated 10/3/2006). The estimated volume is based on 140 days. I don't see why we can't give them the full irrigation season just in case their irrigation schedule is modified and they must irrigate daily. I re-figured the initial estimate and now get 5.2 af which is higher than the standard. The license should be issued for the standard volume of 4 af.

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \text{4 afa} \quad \text{2.5 per limit in conditions of approval.}$$

2. Volume Calculations for Other Uses: NONE

G. NARRATIVE/REMARKS/COMMENTS

Double Dollar Holding is based out of Missoula, MT and is registered with that state. The agent has changed since the last correspondence from this office and an address change has been collected. This license does authorize a greater diversion rate than normally allowed; however, the permit holder provided evidence that it is necessary. The irrigation practice and the nature of the POU (being a car dealership where irrigation should only occur at night) was sufficient for IDWR to issue the permit with the higher rate. I will carry the higher rate over to the license.

Note that the POU extends a little further south than depicted in the POU but the QQ line is not placed in the correct location. The taxlot layer is much closer to where the QQ line should be located and those areas should be included in the POU (should only be ~0.2 acre). Instead of collecting an amendment and requiring the permit holder pay a fee to include the second QQ on the license, the POU that gets licensed will be entirely in the NWNW (which reflects what's actually happening) and keep the POU shape within the NWNW so the ArcMap shape database matches our water rights database.

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>
IRRIGATION	02/15 to 11/30	0.040 CFS	4.0 AF 2.5 64
	<u>Totals:</u>	0.040 CFS	4.0 AFA 2.5 64

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

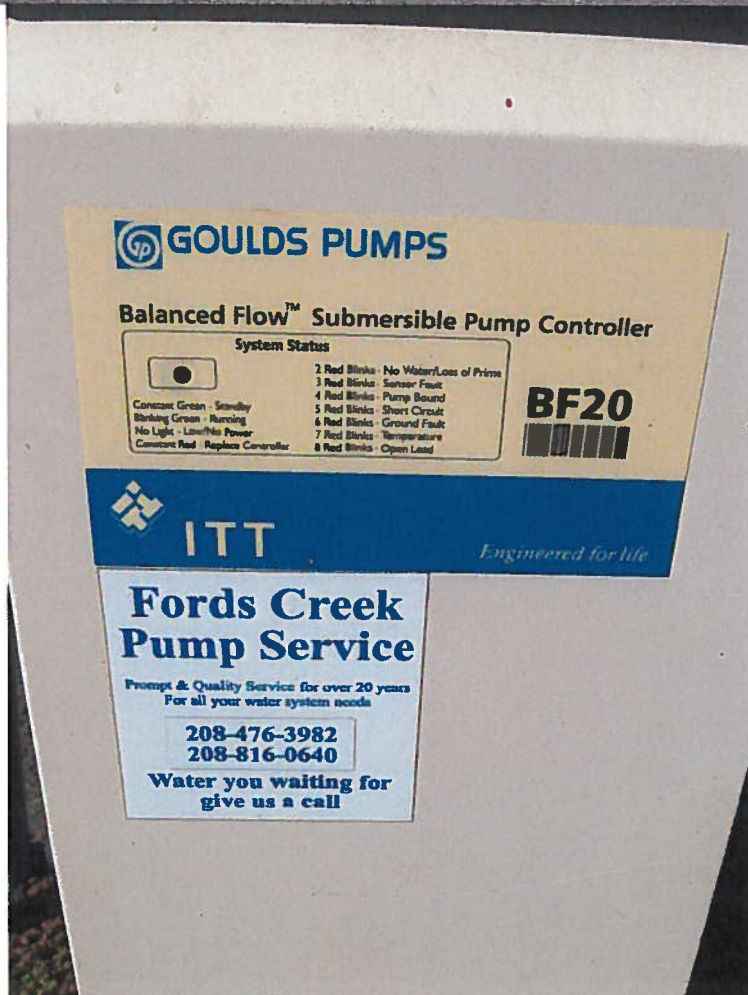
Field Examiner's Name Cherie Palmer Date 10/23/12

Reviewer _____ Date _____





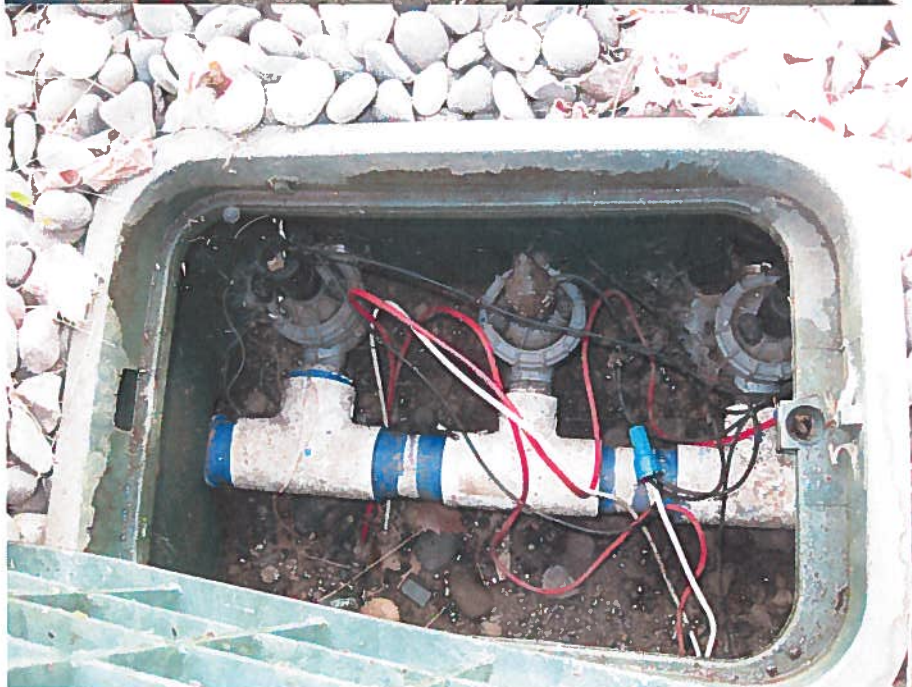
Well DO054322



Pump: Goulds 2 hp



Pressure
gauge 52 psi



Sprinkler box



Plan of use

North side of
showroom



South side of
the showroom
Facing 3rd St



Showroom



24th St to my left, east side of the showroom

Name: DOUBLE DOLLAR HOLDINGS, L.L.C.
ID #: C102305
Type: LLC MANAGED BY MEMBERS
Jurisdiction State: MT
Status: ACTIVE
Status Reason: GOOD STANDING

Status Dates

Expiration Date: 12/31/2049
Date of Organization: 01/25/2000
Last AR Filed: 03/06/2012
Inactive Date:
Involuntary Intent:
Diss/Widthdr/Revoke:

Principal Office Address

Street: 3663 N RESERVE
City: MISSOULA
State: MT
Zip: 59808-0000

Additional Info

Purpose Code: NONE STATED

Agent

Registered Agent: KARL L TYLER
Address 1: P O BOX 16025
Address 2: 3663 NORTH RESERVE
City: MISSOULA
State: MT
Zip: 59808-0000