

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 91-07309

Exam Date: 6/21/2016

1. Current Owner:

RUDY BRANDVOLD 12005 E CATALDO AVE SPOKANE VALLEY WA 99206 (208) 582-0623 And/Or

THERESA BRANDVOLD 12005 E CATALDO AVE SPOKANE VALLEY WA 99206 (208) 582-0623

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE: FALLS CREEK

TRIBUTARY: ST JOE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NA

2. Other water rights with the same point-of-diversion: NA

C. DIVERSION AND DELIVERY SYSTEM: 1 INCH HOSE FROM CREEK1. LOCATION OF POINT(S) OF DIVERSION:

FALLS CREEK L3 (SW¼NE¼) Sec. 23, Twp 46N, Rge 01E, B.M. SHOSHONE County

Method of Determination: GIS Imagery and application information

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	
46N	01E	23			X L 3														

Method of Determination: GIS Imagery and application information

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 Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW

_____ Additional Computation Sheets Attached

CALCULATIONS

Measured Method:

Per application processing memo #22, 0.04 for domestic use with yard. Permit allowed 0.04 cfs, license will allow 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: Per application processing memo #22, 1.2 af for domestic use with yard.

G. NARRATIVE/REMARKS/COMMENTS: Taxlot info says ATM Trust owns property. This is a summer lot. Diversion will only happen from June to September.

Conditions:

Conditions of Approval:

1. 004 This right does not grant any right-of-way or easement across the land of another.
3. X01 Domestic use is for 1 home.
4. 187 The irrigation occurring under this domestic use shall not exceed 1/2 acre.
5. X15 A fish screen of 0.25 inch or smaller mesh shall be installed and maintained at the point of diversion.
6. X16 The approach velocity at the point of diversion shall not exceed 0.5 feet per second.
7. WB9 Water shall not be diverted under this right when flows in the St. Joe River are below minimum flow amounts as defined by Right 91-7122.

Have conditions of permit approval been met? x 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	0.04 CFS	1.2 AF
	<u>Totals:</u>	0.040 CFS	1.20 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 ☒ None

I. AUTHENTICATION

Field Examiner's Name *Janet Hushy* Date 6-21-16

Reviewer *Daniel A. Mehr* Date 6-23-16