

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22902
Exam Date: 3/19/2020

1. Current Owner:
EVAN GLADE WOOD 512 RIVER RD BLISS ID 83314-5129 AND/OR
MISTY ANN WOOD 512 RIVER RD BLISS ID 83314-5129
2. Accompanied by: Evan Glade Wood
Phone No: 208-948-5000
Address: 512 River Rd., Bliss, ID 83314
Relationship to permit Holder: Permit Holder

3. **SOURCE:**
SPRING

Tributary
SNAKE RIVER

Method of Determination: Onsite visit and aerial imagery in ArcMap

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point-of-diversion: **NO** Overlap

Water Right No.	Source	Purpose of Use	Basis
37-11160	Spring	Irrigation, Stockwater, Commercial, Domestic	Decreed
37-4020*	Spring	Domestic	Decreed
37-10996*	Spring	Domestic	Decreed
37-4322A	Spring	Stockwater, Domestic	Decreed
37-4322B	Spring	Stockwater, Domestic	Decreed
37-22883	Spring	Domestic, Irrigation	Decreed
37-791A	Spring	Domestic, Irrigation	Decreed
37-791B	Spring	Irrigation	Decreed
37-791C	Spring	Domestic, Irrigation	Decreed
37-791E	Spring	Irrigation	Decreed
37-4322	Spring	Aesthetic, Domestic, Irrigation, Stockwater	Superseded by Decree
37-20491	Spring	Irrigation	Decreed
37-2411B	Spring	Domestic, Irrigation, Stockwater	Decreed
37-11160	Spring	Commercial, Domestic, Irrigation, Stockwater	Decreed
37-8871	Spring	Domestic	License
37-20490	Spring	Irrigation	Decreed

*Note: Water Rights 37-4020 and 37-10996 identify different POD locations on the decree, but they are likely actually delivered out of same POD as 37-22902.

Comments: Diverted from Upper Decker Spring.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
SPRING SE¼ NW¼ SE¼, Sec. 21, Twp 06S, Rge 13E, B.M. GOODING County

Method of Determination:

Onsite inspection and ArcMap aerial imagery. IDWR POD location per GPS.

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	13E	21								X									

Method of Determination:

Onsite inspection and ArcMap aerial imagery.

2.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

 x 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.

 x x Aerial Photo Attached (required for irrigation of 10+ acres). x x Photo of Diversion and System Attached x **D. FLOW MEASUREMENTS**

1. Measurements:

No measurement was required per IDAPA 37.03.02 Beneficial Use Examination rules as the permit flow rate of .04 cfs falls below the .24 cfs or greater flow rate requiring measurement. Note: Condition on permit limits combined diversion rate to 0.20 cfs (when combined with domestic rights 37-11160, 37-10996, 37-4322A, 37-4322B, and 37-4020).

E. FLOW CALCULATIONS

Measured Method:

No measurement was required per IDAPA 37.03.02 Beneficial Use Examination rules as the permit flow rate of .04 cfs falls below the .24 cfs or greater flow rate requiring measurement.

F. VOLUME CALCULATIONS

Per conditions to the permit, the domestic use allows for 13,000 gallons per day, for one home and does not include lawn, garden, landscape, or other types of irrigation. The volume reporting requirement is exempted per IDAPA 37.03.02 for domestic uses as defined in Section 42-111, Idaho Code.

G. NARRATIVE/REMARKS/COMMENTS

On, March 19, 2020, Kent Aasa and I met with Evan Glade Wood, the permit holder, and he showed us the developed system for Permit 37-22902. Mr. Wood showed us the recently constructed home, where the domestic use occurs. He showed us the point of diversion and his connection to the conveyance pipeline. Per Mr. Wood, he replaced a segment of the pipe nearest his home with 6" HDPE. It was originally 6" concrete. The section near the POD is still a 6" concrete pipe. Per the Water District 130 watermaster, the measurement device at the POD is a 6" x 18" submerged orifice. Mr. Wood also showed us his water filtration system and controlling works for water entering his home.

I recommend licensing this permit for .04 cfs and 13,000 gallons per day as conditioned.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	
DOMESTIC	01/01 to 12/31	0.04 CFS	

Totals: 0.04 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 ☒ None

I. AUTHENTICATION Michelle Richman - Engineer, Technical 1 & Kent Aasa – Water Resource Agent, Senior

Field Examiner's Name Michelle Richman & Kent Aasa Date 4/15/2020

Reviewer _____ Date _____

37-22902

**Channel that gathers water (POD)
in SENWSE of Section 21.**

**The channel leads to diversion
structure shown in the following
photos**



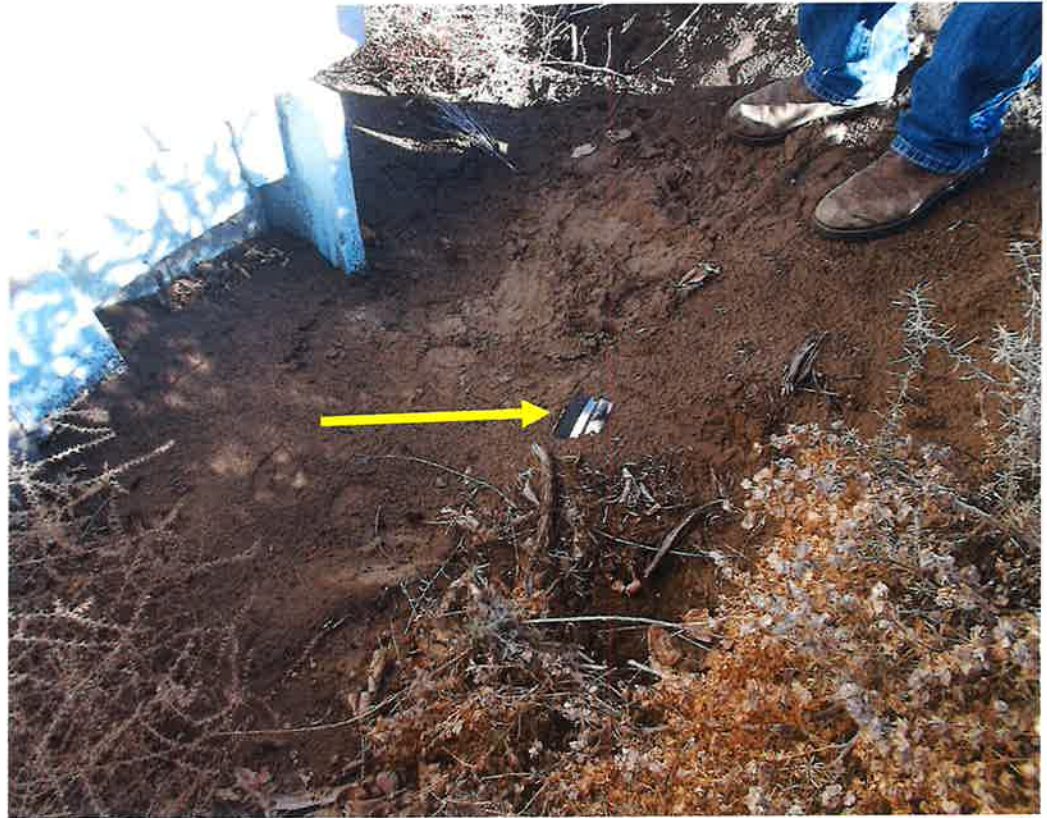
37-22902 Field Exam



**Structure that splits water from spring diversion channel for two separate delivery pipelines.
The arrow indicates the direction of the buried concrete pipeline to 37-22902 POU**

37-22902

**Location where 37-22902 owner
tied into the buried concrete
delivery pipeline for the Domestic
use (HDPE pipe).**



Established residence (POU) for Permit 37-22902

