

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-08915

Exam Date: ~~5/19/2014~~7/12/2013 *JS*

1. Current Owner:
DEBRA A WILLARD
PO BOX 722
HAILEY ID 83333-0661

2. Accompanied by: Gregory Bloomfield and Jana Reeder, IDWR Agent
Relationship to Permit Holder: Original Owner, Gregory Bloomfield

3. **SOURCE:**
BIG WOOD RIVER
GROUND WATER

TRIBUTARY:
MALAD RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Irrigation: 37-21509, 37-21521, 37-21532, 37-21543, 37-21554, and 37-21565
2. Other water rights with the same point-of-diversion: Big Wood River rights delivered via District No. 45 Canal and the following ground water rights: 37-2557Y, 37-20743, 37-20755, 37-20756, 37-20757, 37-20758, 37-20868, 37-21504, 37-21505, 37-21506, 37-21507, 37-21508, 37-21509, 37-21664, 37-21665, 37-21668, 37-21841, 37-21842, 37-21843, 37-21844, 37-21845, 37-21976, and 37-21977.

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

GROUND WATER NW¼SE¼SW¼ Sec. 7, Twp 01N, Rge 19E, B.M. BLAINE County
BIG WOOD RIVER NE¼SW¼NW¼ Sec. 36, Twp 02N, Rge 18E, B.M. BLAINE County

Method of Determination: Site visit and ArcMap aerial imagery; interview with Gregory Bloomfield

PLACE OF USE: AESTHETIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	19E	7															X		

Method of Determination: Site visit and ArcMap aerial imagery; interview with Gregory Bloomfield

3. Delivery System Diagram Attached (required). Indicate all major components and distances between components.
X Indicate weir size/pipe as applicable.
X 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 Aerial Photo Attached (required for irrigation of 10+ acres).
X 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
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None

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
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Current Meter		Swoffer	2100	4583		
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2. Measurements: Flow measurements were taken in a ditch upstream of the pond using a Swoffer current meter. Flow through the ditch into the pond was estimated at 1.34 cfs. This measurement was taken 6/5/2013 during a Beneficial Use Field exam conducted by Bill Mills for Permit No. 37-20743. This measurement confirmed that sufficient water was available above the diversion rate for both permits. Therefore no measurement was taken during this field exam.

E. FLOW CALCULATIONS N/A

_____ Additional Computation Sheets Attached

Measured Method: None

F. VOLUME CALCULATIONS

1. Volume Calculations for Aesthetic:

$$[\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.2 \text{ cfs} \times 200 \text{ days} \times 1.9835 = 79.34 \text{ AF}$$

This permit is for additional use of irrigation water diverted under rights, 37-21521, 37-21532, 37-21543, 37-21554, and 37-21565 distributed via District Canal No.45 and ground water right 37-21509. These irrigation water rights are limited to the irrigation of 8.2 acres with an available 3.5 AF per acre, for a total allowable volume of 28.7 AF.

Recommend to Limit Aesthetic Volume to 28.7 AF

G. NARRATIVE/REMARKS/COMMENTS

Application for permit was filed on August 28, 2000 by Gregory R. Bloomfield. Permit 37-8915 was approved on September 21, 2001. Proof of Beneficial Use was due on or before September 1, 2002. Proof of Beneficial Use was filed on June 27, 2002. An assignment of permit was filed August 11, 2004 from Gregory R. Bloomfield to Gregory R. Bloomfield Revocable Trust. On September 10, 2018 a Notice of Change in Water Right Ownership was filed by Debra A. Willard for permit 37-8915 and other associated water rights.

The field exam for permit 37-8915 was conducted on July 12, 2013 by myself with assistance from Jana Reeder, IDWR agent. We met with Greg Bloomfield, permit owner at that time. As we met with Mr. Bloomfield we discussed the purpose of our visit. We verified the development and confirmed that it meets the permitted beneficial use. Mr. Bloomfield explained that he receives his irrigation water from the District 45 canal and showed us the well and diversion system through which he receives the water and where it returns back to the canal. (See system diagram).

Total cfs for surface water rights delivered downstream of the measurement location is 0.896 cfs. The measured flow of 1.34 cfs for permit 37-20743 indicates that Wood River Valley Irrigation District No. 45 is delivering sufficient flow to satisfy this right. Ground water right is delivered to the Bloomfield property to satisfy his ground water right after District 45 delivery of his surface water rights cease due to priority cuts. There is a ditch from the well that carries water over to the lateral that provides water to the Bloomfield ditch. Conditions on the permit appear to have been satisfied as well as the mitigation requirement.

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>
AESTHETIC	04/15 to 10/31	0.20 CFS	28.7
<u>Totals:</u>		0.200 CFS	28.7

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above X None

I. AUTHENTICATION

Field Examiner's Name Benny Walker Date 1/31/2019

Reviewer [Signature] Date 2/21/2019



Ditch flowing South to Bloomfield Property into Pond



The Pond on Bloomfield's Property



Ditch from Pond back to Lateral



Permit 37-8915



Headgate on Lateral to Ditch

Bellevue Farms Well, Ground Water Point of Diversion



System Diagram 37-8915

