

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 65-22694

Examiner: CP

Date: 11/29/16

In-office qualification (IDAPA 035.01.r): ☒ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☐ Total diversion rate ≤ 0.24 cfs and not irrigation or storage

Current Owner Name: Ailene Russell

Address: 13 Branson Dr. Lowman, Idaho 83637

Beneficial Use Fee Paid: \$50.00

Receipt: C073971

Source: South Fork Payette River

Source change? ☒ N ☐ Y Change clarifies originally intended source.

If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
09N	09E	17									L3							

Method of Determination: Original BLM survey, digital PLS mapping, and aerial imagery

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09N	09E	17									0.2								0.2
											L3								

Method of Determination: Original BLM survey, digital PLS mapping, and aerial imagery

POU change? ☒ N ☐ Y

Purpose of Use: Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: Irrigation use apparent in Google Earth imagery (see attached photo)

Standard Season of Use: 04/01 - 10/31

Update required on license? ☒ N ☐ YOverlap Review POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments: No overlap found with PODPOU overlap? ☒ N ☐ Y WR's:

Comments: No other irrigation rights or domestic rights allowing irrigation

Diversion Rate Permitted Rate: 0.02 cfs BU Standard Limit: 0.01 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.01 cfs

Annual Volume

For Irrigation: cfs x 1.9835 x days = af
 acres x af/ac (FHR) = af
 Smaller of two volumes = af

For other uses: No volume required per IDAPA Beneficial Use Exam Rule 35.01.j.viii

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	04/01 - 10/31	0.01	
Totals		0.01 cfs	af

Amendments Required

☐ Change P.D. ☐ Add P.D. ☒ None
☐ Change P.U. ☐ Add P.U. ☐ Other:

Conditions: Change 01H to 01P. Replace 121 with 103 to reflect licensing

Have conditions of permit been met? ☒ Y ☐ N

Narrative:

Permit 65-22694 authorized the diversion of 0.02 cfs for irrigation purposes. The irrigated area listed on the permit is 0.3 acres, less than 5 acres, qualifying this permit for an in-office field exam. The exam was completed on 11/29/16 by WRA Cody Parker.

The locations of the POU and POD were determined using a combination of aerial imagery, digital PLS mapping, and the original 1910 BLM survey. The parcel data projected in Arcmap do not line up with the land and the digital PLS map does not list government lot numbers for this Q-Q. First, I determined the area in question by matching the address and homeowner information on the water permit to information associated with the taxlot. I estimated an approximately 0.3-acre lot surrounding the house of the same shape as the taxlot, but moved to line up with the road to the north, and the river to the south. To determine the legal description of the POU/POD, I compared this location to the digital PLS map, and then to the original BLM survey (see attached map). The exact place of use cannot be determined from the imagery in ArcMap, but it was visible in Google Earth (see attached map). I outlined this area in Google Earth, then converted the drawn polygon to a layer file in Arcmap to associate with the POU information from AdHoc. I placed the POD at the shoreline of the property, as it diverts directly from the river.

The mechanism for diverting water from the river is a portable pump according to both a condition on the permit and the project proposal as outlined in the associated water right application. I concluded that the watermaster would be able to require the permit holders to remove the pump to curtail use of this right, thus satisfying condition 01H of the permit. However, rather than removing 01H from the license, I have recommended replacing it with condition 01P to allow the Department to require the right holder to install a different means of providing watermaster control should such a need arise in the future.

Another condition of the permit states that "all new diversions... shall be limited to pump installations that do not create an obstruction of the river." According to the Payette River Basin section of the February 1999 Idaho Comprehensive State Water Plan, this condition is the result of the "Recreational" State Protected River Designation for the reach of the South Fork from which the POD diverts water. The condition is meant to protect "the outstanding fish and wildlife, aesthetic, recreation, and geologic values of waterways in the Payette River Basin" (IDWR, 1999). The available aerial imagery supports the conclusion that no river obstruction has been developed to divert water for this permit. It seems safe to assume then that, because the land appears to be irrigated, the diversion mechanism must satisfy the condition of the permit. However, this condition will be retained on the license, while the language of the condition will be modified to reflect an existing diversion rather than a "new" diversion.

A review of existing water rights shows no overlap with the POU/POD. This includes any domestic rights which may have had 1/2-acre of irrigation.

From the modified property boundary, I subtracted the footprint of the house and drive and found a maximum of 0.2 acres of land to be irrigated. Multiplying this acreage by the 0.03 cfs/acre standard, I arrived at a diversion rate of 0.01 cfs.

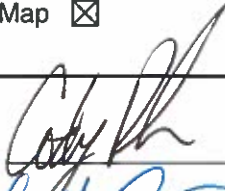
IN-OFFICE BENEFICIAL USE FIELD REPORT

Workflow

Exam Date Entered ☒
POU/POD shapes ☒
Combined Rights Entry ☐
Wild & Scenic Entry ☐
Draft License and Map ☒
Other:

Supporting Documents

Aerial Photograph ☒ Well Log ☐
POU/POD Map ☒ Diagrams ☐
LandSat ☐ Theoretical ☐
Photographs ☒ Other: ☐
Site Visit ☐ Date:

AuthenticationField Examiners Name: Date: 6/13/17Reviewer: Date: 6/13/17

State of Idaho
Department of Water Resources
Map of POU/POD
65-22694

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

09E



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

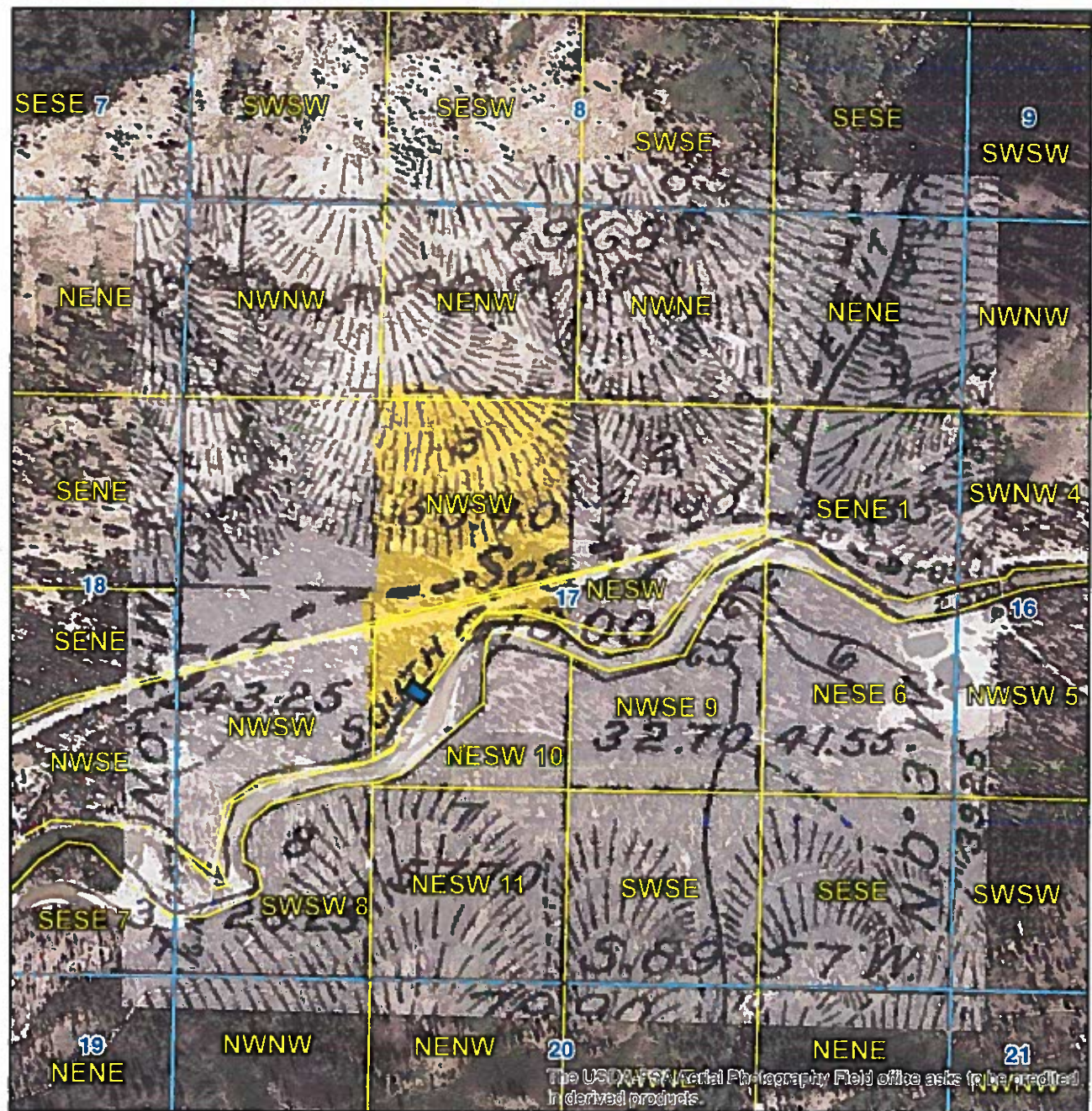
0 0.035 0.07 0.14 Miles





Figure: An image of the property as seen in Google Earth. The area for irrigation use is outlined in white.

Original BLM survey compared to digital PLS map



Digital PLS map does not list lot no. 3
Lot 3 from BLM map is highlighted in yellow

0 0.1 0.2 0.4 Miles

- Taxlot of Interest
- Sections
- QQ



Township No 9 North Range No 9 East of the Boise Meridian, Idaho.



Received per Letter "L" dated Jan. 23, 1940

Some indications of survival in
the Ganges

Arms in Acres.	
Public Land	2585.22
Indian Reservation	
Indian Allotments	
Mineral Claims	
Water Surface	122.42
Total Arms	2708.04

LAT. 40° 00' 70" N.
LONG. 115° 50' 00" W.

LONG 115° 15' N. E.
Grade 40 Chains to an Inch

Mean Magnetic Declination 19°30' E.

The above map of Township No. 3 North Range No. 9 East of the Base Meridian Idaho is hereby confirmable in the field notes of the survey thereof on file in this office which have been examined and approved.

U.S. Surveyor General's Office,
Boise City Idaho, February 18th 1910

Jessie A. Utter
Surveyor General

Swampers Discovered	By Whom Surveyed	Telephone No.	Amount of Swampers Arrested	When Arrested
Skateboard	Arrested by Swamper at 100 W. 1st St.	100 W. 1st St.	5	May 17, 1968
Skateboard	Arrested by Swamper at 100 W. 1st St.	100 W. 1st St.	17	May 25, 1968
Skateboard	Arrested by Swamper at 100 W. 1st St.	100 W. 1st St.	18	May 25, 1968
Skateboard	Arrested by Swamper at 100 W. 1st St.	100 W. 1st St.	14	May 27, 1968
Skateboard	Arrested by Swamper at 100 W. 1st St.	100 W. 1st St.	33	May 27, 1968



Small Aspen Trees



Lawn Area



Small Pine Trees



Pump in the River

BRANSON'S EIGHTMILE SUBDIVISION

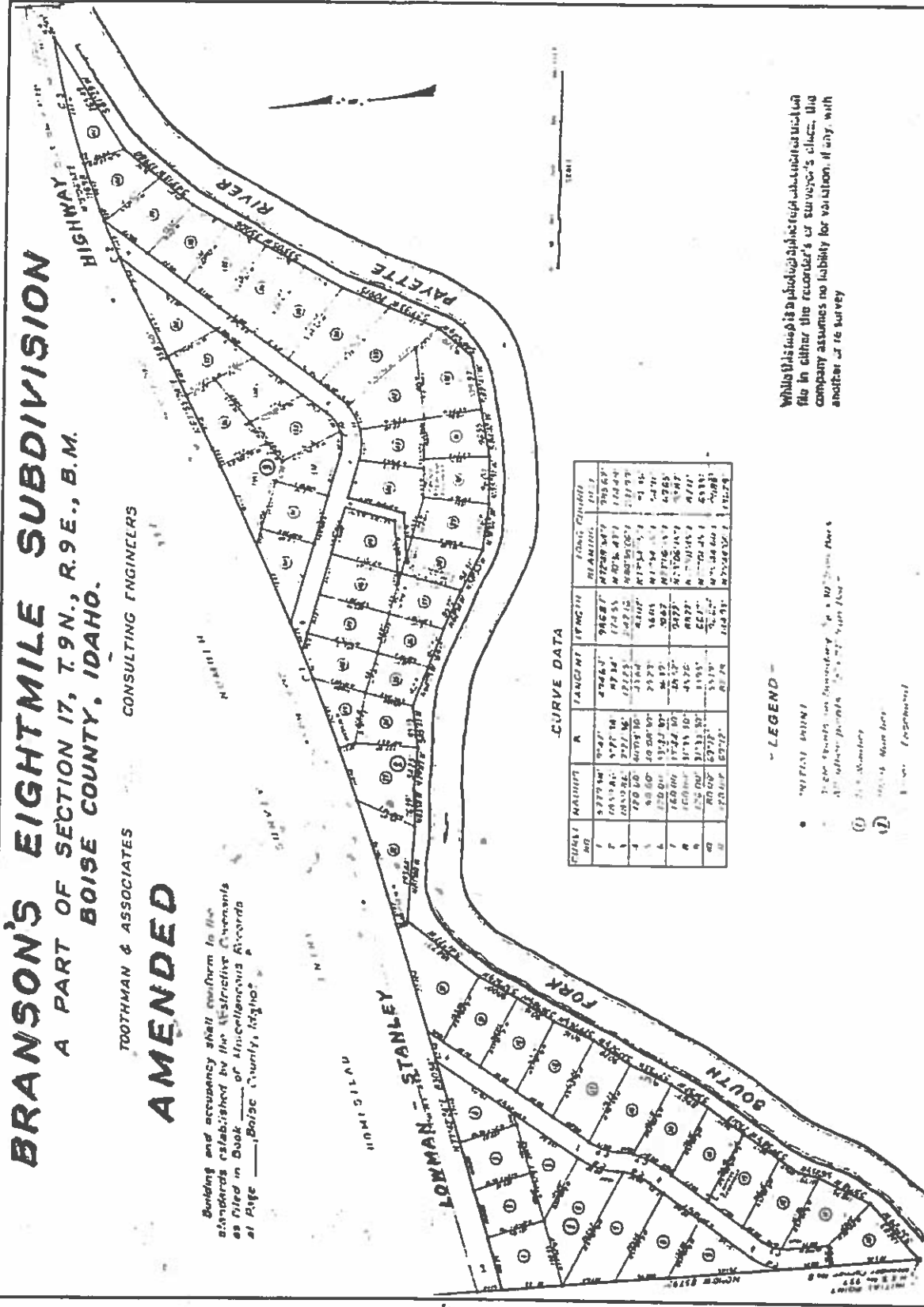
A PART OF SECTION 17, T.9N., R.9E., B.M.
BOISE COUNTY, IDAHO.

TOOTHMAN & ASSOCIATES

CONSULTING ENGINEERS

AMENDED

Building and occupancy shall conform to the standards established by the Restrictive Covenants as filed in Book _____ of Miscellaneous Records at Page _____ Boise County, Idaho.



CURVE DATA

STATION	ANCHOR	A	TANGENT	CHORD	BEARING	CHORD BEARING
1	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
2	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
3	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
4	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
5	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
6	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
7	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
8	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
9	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63
10	5279.14	94.27	4746.3	9468.7	N 72° 29' 34" E	705.63

LEGEND

- INITIAL POINT
- 1/4 COR. STATION ON BOUNDARY
- ① 1/4 COR. STATION ON BOUNDARY
- ② 1/4 COR. STATION ON BOUNDARY
- ③ 1/4 COR. STATION ON BOUNDARY
- ④ 1/4 COR. STATION ON BOUNDARY
- ⑤ 1/4 COR. STATION ON BOUNDARY
- ⑥ 1/4 COR. STATION ON BOUNDARY
- ⑦ 1/4 COR. STATION ON BOUNDARY
- ⑧ 1/4 COR. STATION ON BOUNDARY
- ⑨ 1/4 COR. STATION ON BOUNDARY
- ⑩ 1/4 COR. STATION ON BOUNDARY

While this map is a photographic reproduction of a map filed in either the recorder's or surveyor's office, the company assumes no liability for variation, if any, with another of the survey.

Source	Use
65-22694	RUSSELL, A PAYETTE R IRRIGATION
65-22992	TELL, ALAN GRAYDON V DOMESTIC
65-23108	GIES, KEN PAYETTE R IRRIGATION
65-31592	CANNING, GROUND V DOMESTIC
65-10445	LOWMAN GROUND V DOMESTIC
65-10596	CANNING, PAYETTE R DOMESTIC
65-10654	LOUX, HAR SPRING DOMESTIC
65-10716	RUDOLPH, GROUND V DOMESTIC
65-10726	BARBER, BIG GROUND V DOMESTIC
65-10837	BRANSON, GROUND V DOMESTIC
65-10873	AHERN, MC GROUND V DOMESTIC
65-10913	MISSMAN, GROUND V DOMESTIC
65-10913	MISSMAN, GROUND V DOMESTIC
65-10927	BARBER, P, GROUND V DOMESTIC
65-11197	EGGOLD EGROUND V DOMESTIC
65-12008	EIGHT MUL GROUND V DOMESTIC
65-12090	CANNING, GROUND V DOMESTIC
65-12286	CLAYCOM UNNAMED DOMESTIC
65-13701	SCENIC VA GROUND V DOMESTIC
65-13952	US DEPT O GROUND V DOMESTIC
65-17974	ALSAGER, I GROUND V DOMESTIC
65-18030	INGALLS, B GROUND V DOMESTIC
65-18043	BARBER, H GROUND V DOMESTIC
65-19566	SCENIC PRISPRINGS DOMESTIC
65-22062	KCZ, CAC PAYETTE R IRRIGATION
65-28025	BRANSON, DUSTMAN DOMESTIC
65-3240	ALSAGER, I RICHARDS IRRIGATION
65-3241	ALSAGER, I RICHARDS IRRIGATION
65-7181	EMORY, DI PAYETTE R IRRIGATION
65-7186	EMORY, DI GROUND V DOMESTIC
65-7187	EMORY, DI PAYETTE R IRRIGATION
65-7561	LOWMAN UNNAMED IRRIGATION
65-7842	CLAYCOM GROUND V DOMESTIC

[illegible]