

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-12585

Examiner: CP

Date: 07/11/17

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: Boise Project Board of Control

Address:

ATTN SHELLEY M DAVIS
 BARKER ROSHOLT & SIMPSON LLP
 1010 W JEFFERSON ST STE 102
 PO BOX 2139
 BOISE ID 83701

Beneficial Use Fee Paid: \$50.00

Receipt: C050225

Source: Groundwater

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
03N	02E	26														X		

Method of Determination: GPS taken during site visit

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	
03N	02E	26														X			

Method of Determination: Site visit, Aerial Imagery, Digital PLS Mapping POU change? ☒ N ☐ Y

Purpose of Use: Domestic

Purpose change? ☒ N ☐ Y

Method of Determination: Field visit, aerial imagery

Standard Season of Use: 01/01 - 12/31

Update required on license? ☒ N ☐ Y**Overlap Review**POD overlap? ☐ N ☒ Y WR's: 63-22099, 63-22102Analysis Attached ☐

Comments: Backfiles indicate that both of these rights use the same well drilled in '64.

POU overlap? ☐ N ☒ Y WR's: 63-22099

Comments: 63-22099 is for 1 additional home and likely the same shop
 *SHOP NOT RECOMMENDED
 63-12585 LICENSE SO
 ULTIMATELY NO POU
 OVERLAP.

Diversion Rate

Permitted Rate: 0.08 cfs

BU Standard Limit:

0.04 cfs

BU Fee Limit: 0.20 cfs

Theoretical (optional):

cfs

Recommended Total Div Rate: 0.04 cfs**Annual Volume**

For Irrigation:

0.04 cfs x 1.9835 x 365 days

= 29.0 af

1/2 acres x 4.5 af/ac (FHR)

= 2.3 af

Smaller of two volumes

= 2.3 af

For other uses: 0.6 afa domestic use (Per Admin AP Memo No. 22)

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Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Domestic	01/01 to 12/31	0.04	2.9

2.9 af

☐ Other:

Have conditions of permit been met? ☒ Y ☐ N

Right 63-22102 authorizes domestic use of 0.04 cfs of groundwater for one home and outbuildings, and 63-22099 authorizes domestic use of 0.04 cfs of groundwater for one home and shop. Similarly, this permit is 0.08 cfs groundwater for one home and a shop, which from my observations in the field must refer to the same shop as 63-22099. During my field visit, I was accompanied by Tim Page, who told me that the shop was on the municipal water system, but the well was used for "steaming" operations in the shop. Because the groundwater use in the shop is minimal, and because the shop referred to by right 63-22099 is apparently the same referred to by the permit, it does not seem justified to include additional rate or volume for the shop use on this new license. Also, the house covered by this permit was added to the system after the well and system was initially developed; the existing rights were decreed with priority dates of 1950 and 1964 while the permit has a priority date of 2000. Thus, this is the case contemplated by Admin AP Memo No. 22 where distinct single-household domestic water rights are established from a single well. This means that the diversion rate allowable for 1 home as a distinct water right is 0.04 cfs, which is the rate I have recommended for the license. The application indicates that the domestic use is intended to cover "minor landscaping" as well as in-home use. Some irrigation is apparent around the home and it is assumed that irrigation is from the same system. Therefore the volume I have recommended includes 0.6 afa for in-home use and 2.3 afa for irrigation of up to 1/2 acres (from a headgate requirement of 4.5 afa/acre).

Aerial Photograph ☒
POU/POD Map ☒
LandSat ☐
Photographs ☒
Site Visit Date: 07/11/17

Well Log ☒
Diagrams ☐
Theoretical ☐
Other: ☐

Date: 9-11-17

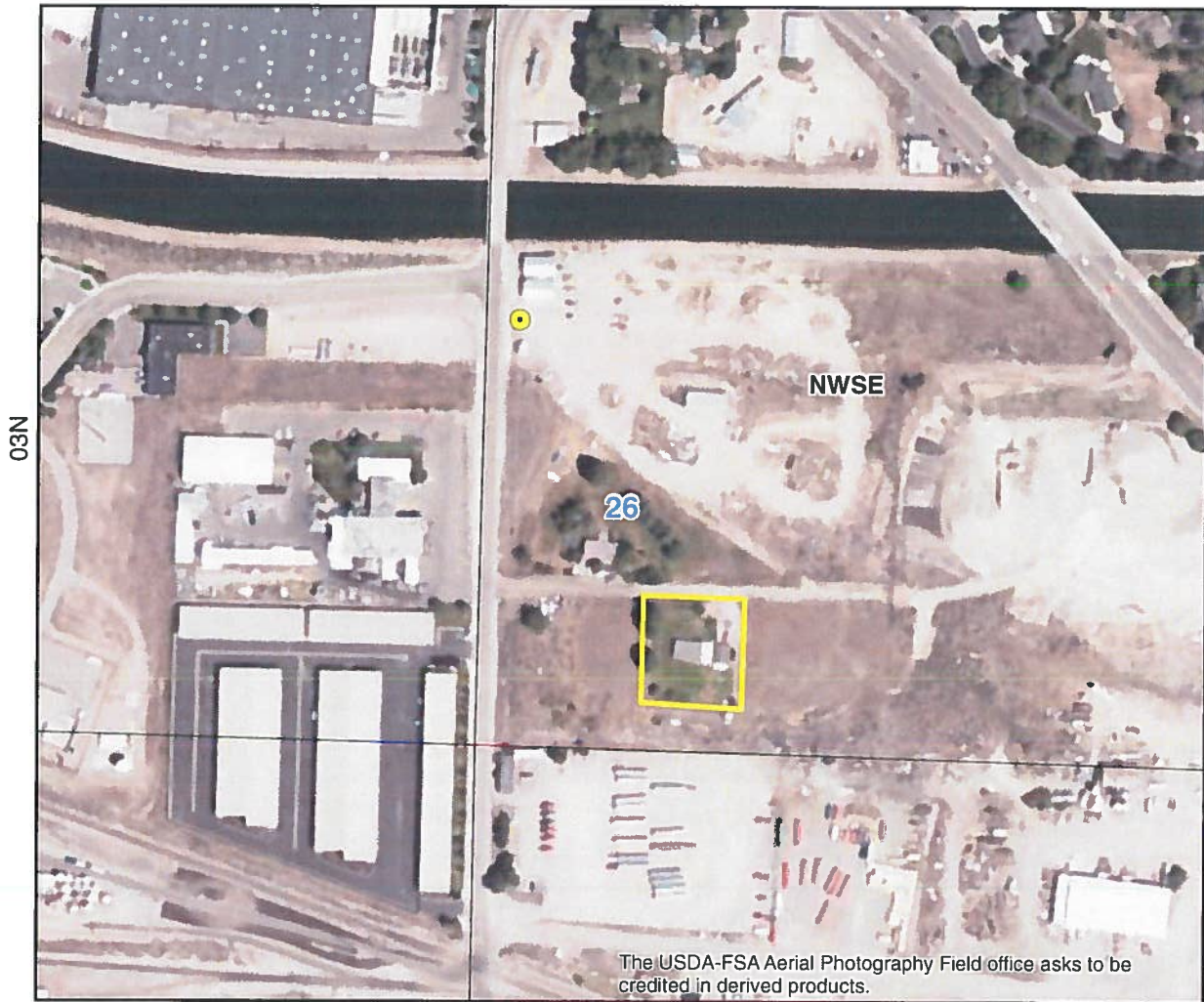
State of Idaho
Department of Water Resources

Attachment to Water Right License

63-12585

This map depicts the DOMESTIC 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.

02E



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

0 0.035 0.07 0.14 Miles



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BENEFICIAL USE FIELD EXAM



Figure 1 The 1-hp pump that was replaced shortly before the site visit. Parameters such as dynamic WL and mainline pressure remain unknown making estimation of flow rate difficult.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD EXAM



Figure 2 A view of the well head inside the pumphouse which is located directly south of the shop along Gekeler Rd.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD EXAM



Figure 3 Looking south towards the home where water is used for domestic purposes from the pumphouse

2003

RECEIVED
DEC - 2 1964

Department of Justice

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WORK: SEE IRRIG. STATUTE 42-220

CASINO RECORD

Class Coding	From Foot	To Foot	Length	Remarks—sects, growing, etc.
62	100	100	100	MICROFILMED SEP 13 2001

Number and size of perforations _____ located _____ feet to _____ feet from ground

Date of commencement of well _____ 2/13/01 _____ Date of completion of well 7/22/01

NWSE 5.26 343E

WILL LOB

[illegible]

WALK DOLLER'S STATEMENT

Henry Johnson

Version No. 26

Well Driller's Helper

'MICROFILM'

SEP 13 1961

Date 7-1 1964

Basin	Sequ	Owner	Source	Use
63-10685		ALUMAX BUILD	GROUND WA	DOMESTIC
63-12585		BOISE PROJECT	GROUND WA	DOMESTIC
63-19381		KELLY, MARY AN	GROUND WA	DOMESTIC
63-19558		TATE, MARY J; T	GROUND WA	DOMESTIC
63-19559		TATE, MARY J; T	GROUND WA	DOMESTIC
63-22099		BARKER ROSHOI	GROUND WA	DOMESTIC
63-22102		BARKER ROSHOI	GROUND WA	DOMESTIC
63-23035		VANSKIKE, FLOY	GROUND WA	DOMESTIC
63-31101		BOISE PROJECT	GROUND WA	DOMESTIC
63-4024		MALMIN, CARL; G	ROUND WA	DOMESTIC
63-4223		HANEY, VESTA J;	GROUND WA	DOMESTIC
63-4274		HILLS FAMILY PF	GROUND WA	DOMESTIC

[illegible]