

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 65-22753

Examiner: CP

Date: 12/29/16

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: BRIAN HAGEN

Address: 10883 W VEGA LN STAR ID 83669

Beneficial Use Fee Paid: \$50.00

Receipt: C081243

Source: Unnamed Stream

 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
08N	08E	4													X			

Method of Determination: Taxlot information and digital PLS mapping

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	
08N	08E	4													D				

Method of Determination: Aerial imagery and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Domestic

Purpose change? ☒ N ☐ Y

Method of Determination: House/cabin apparent in aerial images

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

Update required on license? ☒ N ☐ Y**Overlap Review**POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments: No POD overlap foundPOU overlap? ☐ N ☒ Y WR's: 64-11340A
 Comments: 64-11340A is a community system addressed in conditions. Also,
 owner indicates he also uses groundwater
Diversion Rate

Permitted Rate: 0.04 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:

cfs x 1.9835 x days = af

0.5 acres x 3.0 af/ac (FHR) = 1.5 af

Smaller of two volumes = af

For other uses: 1.5 afa for irrigation under the domestic component plus 0.6 afa for in-home use

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Domestic	01/01 - 12/31	0.04	2.1

Totals

0.04 cfs

2.1 af

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

Conditions: Remove 26A, change 121 to 103 at licensing, change portable pump condition to reflect license, change lot number to 1 in combined use limit.

Have conditions of permit been met? ☒ Y ☐ N**Narrative:**

Permit 65-22753 authorized the diversion of 0.04 cfs from an unnamed stream, tributary to Archie Creek, for domestic use. The total diversion rate permitted is less than 0.24 cfs, qualifying this permit for an in-office field exam. The field exam was completed on December 29, 2016 by WRA Cody Parker.

The location of the POU is readily apparent in the aerial imagery. The taxlot information available matches the owner of the property to the one on the permit. There is a single large cabin/house on the property which is the POU. The description of the POU was confirmed using digital PLS mapping.

The permit specifies that diversion of water is limited to a portable pump. The pump diverts water from an unnamed stream which is locally known as the West Fork of Archie Creek. The DRG layer in ArcMap does not label it this way, so the source was left as "unnamed stream". The DRG layer locates the stream to the west of the cabin. The actual location of the stream cannot be determined using the aerial imagery, but an elevation profile taken from a cross-section in the valley (in Google Earth) locates the low point of the valley west of the cabin. Therefore, I have placed the POD shape west of the cabin within the taxlot.

The diversion rate I have suggested for the license is 0.04 cfs, which is the BU standard rate for domestic use for 1 house, and corresponds to the diversion rate on the permit. The annual volume is 2.1 afa which includes 1.5 afa for up to 1/2- acre of irrigation based on the headgate requirement and 0.6 afa for in-home use for 1 home based on Admin AP Memo No. 22. The permit holder specifically mentioned that they have developed 1/2 acre of irrigation in their Proof of Beneficial Use.

Overlap is found with this water right and right No. 65-11340A, a sub-division system. However, the right owner does state in their application that they also use groundwater for domestic purposes. There is no well data associated with this property nor is there a groundwater right associated with the use of groundwater (exempt). From the protest period, conditions 4 and 5 were determined to be necessary according to the enclosed memos. I have retained them on the license. I modified condition 4 to reflect licensing and condition 5 to refer to the current taxlot information." Apparently, condition 5 "protects against 'stacking' if a permit holder decides to hook up to the Archie Creek community system in the future." Contact was made with the owner on 12/30/16, and he stated that he has not hooked up to the subdivision system.

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: Cody ParkerDate: 10-20-17Reviewer: Angela M. GinnDate: 10/20/17

State of Idaho
Department of Water Resources
Map of POU/POD
65-22753

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.



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

0 0.0125 0.025 0.05 Miles



BasinSeq#	Owner	Source	Use
65-10871	KOPKE, FRED T;	ARCHIE CREEK	DOMESTIC
65-11340A	ENCHANTED VA	ARCHIE CREEK	DOMESTIC
65-11340B	DAVIS, EILEEN I;	ARCHIE CREEK	DOMESTIC
65-13206	JURICA, JULIE	ARCHIE CREEK	IRRIGATION
65-2597A	ENCHANTED VA	ARCHIE CREEK	IRRIGATION
65-2597B	DAVIS, EILEEN I;	ARCHIE CREEK	IRRIGATION
65-7488	FARBER, ROBER	ARCHIE CREEK	IRRIGATION

[illegible]