

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-11099

Examiner: CP

Date: 01/03/17

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

Current Owner Name: Patrick D. And Janet L. Whelan Address: PO BOX 94 HUSTON ID 83630

Beneficial Use Fee Paid: \$50.00 Receipt: C017130

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	04W	14			X													

Method of Determination: Same POD as 63-26805

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	04W	14			2.6														2.6

Method of Determination: Aerial imagery and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: Irrigation use apparent in aerial imagery

Standard Season of Use: 03/01 - 11/15

Update required on license? ☐ N ☒ YOverlap Review POD overlap? ☐ N ☒ Y WR's: 63-26805Analysis Attached ☒ Comments: Well also supplies domestic water rightPOU overlap? ☐ N ☒ Y WR's: Boise Project Board of Control

Comments: Taxlot falls within POU for the BPBC, notes from the application
 review indicates that they have/use irrigation district water for 2 acres

Diversion Rate Permitted Rate: 0.12 cfs BU Standard Limit: 0.08 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.08 cfs

Annual Volume

For Irrigation: 0.08 cfs x 1.9835 x 260 days = 41.3 af
 2.6 acres x 4.5 af/ac (FHR) = 11.7 af
 Smaller of two volumes = 11.7 af

For other uses: No other uses

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	03/01 - 11/15	0.08	11.7
Totals		0.08 cfs	11.7 af

Amendments Required

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

Conditions: Drop condition 046, replace 057 with R69

Have conditions of permit been met? ☒ Y ☐ N

Narrative:

Permit 63-11099 authorized the diversion of groundwater for irrigation of 4 acres. Total irrigated acreage was less than 5, qualifying this permit for an in-office field examination. The exam was completed on January 4, 2017 by WRA Cody Parker

The location of the POD cannot be determined for certain. It is not possible to see the well head from the aerial imagery. Also, there does not appear to be a well log for the well. The application for permit seems to indicate that this right shares a well with a decreed domestic right with a priority date of 1974 (63-26805). Well logs from this time are often difficult to find. I have also attempted to contact the permit holder over the phone, but the phone number is disconnected. Therefore, the best information on the location of the well is the permitted location. This location is the same as the POD for right No. 63-26805, so the data is at least consistent. I removed the 10-acre designation from the description as this is not a spring diversion.

For the POU, I was able to delineate ~2.6 acres of irrigated land surrounding the house on the taxlot owned by the permit holder. I used imagery closer in time to the permit proof date (1990) to show the maximum extent of development of the irrigation use specified on the permit. I confirmed the description of this location using digital PLS mapping in ArcMap.

The POD is a groundwater well which also provides water for a single-house domestic right. Because this is an in-office exam, I have made the assumption that the pump and well have the ability to provide enough water for both of these rights. The irrigated area also falls within the POU for an irrigation right belonging to the Boise Project Board of Control. Notes in the application review indicate that they use irrigation district water for irrigation of 2 acres. This means that of the 2.6 acre POU there is a 2-acre overlap. The permit was not issued for supplemental use, so no conditions have been added to restrict the license to supplemental use. Condition R69 restricts the total irrigation use to 4.5 afa per acre and 0.03 cfs per acre. R69 replaced condition 057, which the approval condition search lists as inactive.

I have recommended a diversion rate of 0.08 cfs, which is 0.03 cfs/acre for 2.6 acres. The total annual volume is 11.7, from the headgate requirement of 4.5 afa/acre for 2.6 acres.

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:

Authentication

Field Examiners Name: Cody Parker

Date: 01/04/17

Reviewer: Patrick Kelly

Date: 01-04-2017

State of Idaho
Department of Water Resources
Map of POU/POD
63-11099

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.



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

0 0.035 0.07 0.14 Miles



63-373A UNITED STATES OF AMERICA ACTING THROUGH BOISE RIVE IRRIGATION

BOISE RIVE IRRIGATION

[illegible]