

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 65-22548

Examiner: A. Skinner

Date: 12/12/2017

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: Frank and Sandra Fenton Address: PO BOX 182, Horseshoe Bend, ID 83629

Beneficial Use Fee Paid: \$00.0 Receipt: Exempt

Source: GROUND WATER 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
07N	02E	34				L4												

Method of Determination: Right holder sent in map with POD point and GPS coordinate.

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	
07N	02E	34				0.5													0.5

Method of Determination: Aerial imagery and right holder sent in map outlining POU.

POU change? ☒ N ☐ Y

Purpose of Use: IRRIGATION

Purpose change? ☒ N ☐ Y

Method of Determination: Permitted use and verified by right holder.

Standard Season of Use: 03/15 - 10/31

Update required on license? ☒ N ☐ Y**Overlap Review** POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments:POU overlap? ☒ N ☐ Y WR's:

Comments: Use irrigation use only. City's municipal rights deliver domestic use

Diversion Rate Permitted Rate: 0.03 cfs BU Standard Limit: 0.02 cfs
 BU Fee Limit: 0.04 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.02 cfs

Annual Volume

For Irrigation: 5 heads @ 3 gpm X 60 min X 6 hrs X 107 days = 1.8 af
 0.50 acres x 4.5 af/ac (FHR) = 2.3 af
 Smaller of two volumes = 1.8 af

For other uses: NA

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
IRRIGATION	03/15 - 10/31	0.02	1.8
Totals		0.02 cfs	1.8 af

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Amendments Required☐ Change P.D.☐ Add P.D.☒ None☐ Change P.U.☐ Add P.U.☐ Other:**Conditions:** 103, X31, and 004Have conditions of permit been met? ☒ Y ☐ N**Narrative:**

Permit No. 65-22548 authorizes the diversion of 0.03 cfs from groundwater to irrigate ^{1.0} ~~0.5~~ acres. Based on the small diversion and a place of use less than 5 acres, the permit qualifies for an in-office field exam. A exam was completed on December 13, 2017 by WRA Aaron Skinner.

Background:

The purpose of this right was to develop 1.0 acres of lawn and garden and irrigated from the well. It is understood that house was connected to city water in the late 1960s. Current aerial imagery and a map returned from the Fenton's outlined the 0.5 acres developed, therefore, limiting the POU to 0.5 acres.

Updated PLSS layer in ArcMap show the POU in both the Lot 4 SENE and SENE as the description. Original survey from 10/31/1870 show everything north of the river as Lot 4 SENE. Therefore, only Lot 4 SENE will be recommended to licensing. The survey map is included in this file.

System Description:

Groundwater is pulled from a well located at 43.9042 and -116.1986 (received from Fenton). Five Rain Bird sprinklers connect to a garden hose and are pulled around the yard. The sprinklers are rated at 3 gpm. The Fenton's irrigate every other day for 6 hours. The season of use is 213 days. Irrigating every other day cuts that in half to 107 days when calculating the required volume to irrigate.

Diversion Rate and Volume:

The permitted rate and assumed volume for this right is 0.03 cfs and 4.5 AF respectively. These calculations were based on the development of 1 acre (1 acre X 4.5 H.G.R.). A map provided by the Fenton's and available aerial imagery concluded that 0.5 acres were developed instead of the 1.0 acres. As a result, the recommended rate and volume for licensing will be 0.02 cfs and 1.8 AF respectively.

Ownership:

Current taxlot data was used to verify land ownership and confirms that Frank and Sandra Fenton own the land associated to this right.

Overlap:

An overlap analysis was completed for the POD and POU. There are no overlapping WRs for either the POD or the POU area.

Conditions:

Condition R69 was changed to X31 since it's less than an acre and forwarded to licensing. Condition 121 was updated to 103 and forwarded to licensing. Condition 046 was removed. Condition 004 was added as a portion of the POU may be on neighboring lot.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 FE Database (N: drive) ☒

Supporting Documents

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

AuthenticationField Examiner's Name: Aaron SkinnerDate: 12/13/2017Reviewer: Angela M. GormanDate: 1/2/18

State of Idaho
Department of Water Resources
Point of Diversion and Place of Use
Water Permit No. 65-22548

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.



0 0.025 0.05 0.1 Miles

Legend

- Point of Diversion
- Place of Use



State of Idaho
Department of Water Resources
System Diagram
Water Permit No. 65-22548

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.



Legend

- Point of Diversion
- Place of Use
- ▲ Sprinklers

0 0.0125 0.025 0.05 Miles



Overlap Analysis for Permit No. 65-22548 POU

7N02E34																									
Process	Basin/Sequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres			
Water Right	65-10359	N	DEWEY, COLLENE E; DEWEY, IVERGENE	GROUND WATER	DOMESTIC															X					
Water Right	65-10622	N	DEEN, A O; DEEN, SARA	GROUND WATER	DOMESTIC															X					
Water Right	65-10623	N	DEEN, A O; DEEN, SARA	WASTE WATER	IRRIGATION																				
Water Right	65-10671	N	ALKIRE, BRUCE E; ALKIRE, DEBRA D; CARTER, LEMUEL; CARTER, MARY E	GROUND WATER	DOMESTIC															1		1			
Water Right	65-10688	N	WATSON, DEBRA A; WATSON, LORNE W	SPRINGS	DOMESTIC												X								
Water Right	65-10688	N	WATSON, DEBRA A; WATSON, LORNE W	SPRINGS	STOCKWATER													X							
Water Right	65-10715	N	WOODS, DENNIS M; WOODS, VONDA R	GROUND WATER	DOMESTIC													X							
Water Right	65-10727	N	RENFRO, MILDRED C; RENFRO, MILLARD W	GROUND WATER	DOMESTIC												X			X					
Water Right	65-10728	N	RENFRO, MILDRED C; RENFRO, MILLARD W	GROUND WATER	DOMESTIC																				
Water Right	65-10729	N	BROWN, JUNE E; RENFRO, MILDRED C; RENFRO, MILLARD W	SPRING	DOMESTIC												X								
Water Right	65-10744	N	COOPER, MARY	GROUND WATER	IRRIGATION												X								
Water Right	65-10747	N	D R & J INVESTMENTS LTD PARTNERSHIP; DOUBLE DIAMOND INC; DOUBLE DIAMOND RANCHES; RIDDLEMOSE, JACK PAYETTE RIVER	IRRIGATION		1			13.9	No overlap; POU RP07N02E34185D and RP07N02E350051										39	3.8	1.6	34	92.3	
Water Right	65-10748	N	D R & J INVESTMENTS LTD PARTNERSHIP; DOUBLE DIAMOND INC; DOUBLE DIAMOND RANCHES; RIDDLEMOSE, JACK PAYETTE RIVER	IRRIGATION					13.9	No overlap; POU RP07N02E34185D and RP07N02E350051											39	3.8	1.6	34	92.3

[illegible]

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

REF

MAR 2

[illegible]

=> SAME NAME, BUT LEGAL WRONG. NEED TO VERIFY w/ OWNER.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

November 17, 2017

COPY

FRANK R FENTON AND/OR
SANDRA FENTON
PO BOX 182
HORSESHOE BEND, ID 83629

RE: Water Permit 65-22548

Dear Right Holder:

In 2001 IDWR issued permit 65-22548 authorizing you to develop a right to divert 0.03 cfs of groundwater within the SE ¼ NE ¼ of Section 34, Township 07 North, Range 02 East, B.M., for irrigation of 1.0 acre of land in Boise County. Under the terms of the permit, the development was to be completed by August 1, 2002. On May 30, 2002, IDWR received your Proof of Beneficial Use statement indicating you had completed your development and put the water to beneficial use.

On November 17, 2017, I was assigned to review the water right permit to verify the beneficial use so it could be licensed. The aerial photos that are available to our office make it difficult to verify 1.0 acres of irrigation due to parcel information relative to your lot misleading. As such, I've included a map of your parcel and would like to request the following information from you:

1. Location of the well (gps coordinates)
2. Outlined area where irrigation occurs (Google Earth is a great map)
3. Rough system diagram (e.g. location of sprinklers and/or hose bib, size of supply pipe, number of sprinklers, type of sprinklers, how many sprinklers run at the same time, and how many sections are on the system)
4. Pump curve for the submersible pump (if available)
5. Model number, serial number, and horsepower of pump in the well (if available)

Please submit the requested information for the permit to be processed. The permit will be voided without a timely written reply by December 18, 2017. Please contact me at 208-334-2190 if you need more information. Thank you for your attention to this matter.

Respectfully,

Aaron Skinner
Water Resource Agent
Western Regional Office
aaron.skinner@idwr.idaho.gov

Enclosures: Proof Report and map