

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-110671. Owner Hampton Homes Homeowners AssociationPhone No. 208-867-7957Current address 870 N Hampton Rd. Boise, ID 837042. Examiner's name Cody ParkerEXAM DATE 07/20/173. Accompanied by Kay Spencer

Email _____

Address Same as aboveRelationship to permit holder HOA TreasurerPhone No. same4. Source Groundwatertributary to Boise River**B. OVERLAP REVIEW**1. Other water rights with the same place of use None2. Other water rights with the same source and point of diversion None**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			SE	NW	11	03N	01E	Ada	GPS

2. Place(s) of Use: Method of determination Aerial imagery, site visit, digital PLS map

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	01E	11								D									
										FP									
										2.1									2.1

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
No Metal Tag	Franklin Electric	7.5	2366019020		

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

0.24 cfs system capacity (provided by Burgess Pump Co.)

39 homes built, 2.1 acres irrigation, 1 hydrant

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

[illegible]

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

$$Q = (8.8 \times 7.5 \text{ hp} \times 0.7) / (70 + 2.31(60)) = 0.22 \text{ cfs} \Rightarrow 0.24 \text{ according to pump company (CAPACITY)}$$

$$2.1 \text{ acres} \times 0.03 \text{ cfs/acre} = 0.06 \text{ cfs (IRRIGATION)}$$

$$39 \text{ homes} \approx 0.30 \text{ cfs per Admin AP Memo No. 22 (DOMESTIC)}$$

$$0.30 \text{ cfs from permit (FIRE PROTECTION)}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.1 \text{ acres} \times 4.5 \text{ afa/acre} = 9.5 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.06 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 29.3 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9.5$$

2. Volume Calculations for Other Uses:

$$0.6 \text{ afa/household (irrigation separate)} \times 39 \text{ homes} = 23.4 \text{ afa}$$

No volume required for fire protection per BU Exam Rule 35.01.j.iv

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03/01	11/15	0.06 cfs	9.5 afa
Domestic	01/01	12/31	0.24 cfs	23.4 afa
Fire Protection	01/01	12/31	0.24 cfs	N/A
Totals:			0.24 cfs	~~32.9 afa~~ 32.9 afa

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature



Date 08/11/17

Reviewer



Date 8/30/17

SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
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NARRATIVE

Permit 63-11067 was approved on April 5, 1990, authorizing the diversion of 0.60 cfs from groundwater for irrigation, domestic, and fire protection purposes. Proof of beneficial use was submitted on December 18, 1990. On July 20, 2017, I (WRA Cody Parker) completed a site visit as part of the field examination for this permit. I was accompanied by Kay Spencer, the HOA treasurer for the subdivision. Ms. Spencer did not know the specific details of how the system operates, but I was later able to get more information from Burgess Pump, the company that installed the diverting works.

The point of diversion is a 10" diameter 120' deep well, with no metal tag. The well is located within Lot 2 Block 1 of the Greenleaf Subdivision. The GPS coordinates for the well are 43.61335 by -116.30850. The well is located in the SENW of Sec 11, T03N, R01E, in Ada County, B.M. Water is diverted from the well at 60 psi using a 7.5-hp Franklin Electric submersible pump. The pump is set at a depth of 80'. Pump set and total well depths were provided by Burgess Pump. According to these parameters, and assuming the dynamic water level is ~10' above the pump depth and a pump efficiency of 70%, the system capacity should be 0.22 cfs. The representative I spoke with at Burgess Pump said the system produces 0.24 cfs.

The place of use includes the entire Hampton Homes subdivision along with lots 1 and 2 of block 1 Barsonberg Place subdivision. Water is currently provided to 39 homes for domestic use and is used to water a total of 2.1 acres within the subdivision. Water is also supplied to a single hydrant located in the southeast of the subdivision. All of the place of use falls within the SENW of Sec 11, T03N, R01E, B.M.

The permit authorizes 0.09 cfs for irrigation of 3 acres. There are 2.1 acres of developed irrigation according to my measurements from aerial imagery. The BU standard rate for 2.1 acres of irrigation at 0.03 cfs/acre is 0.06 cfs, which is the rate recommended for the license. The volume for the irrigation component is 9.5 afa and was determined by the headgate requirement.

There are 39 homes within the POU which, according to Admin AP Memo No. 22, corresponds to a diversion rate of 0.30 cfs. However, the system capacity is only 0.24 cfs so the domestic component has been limited to that rate (same for the fire protection use). Also, because 0.24 is capacity for the system it is also recommended for the total rate. The annual volume for domestic use is 23.4 afa, which is 0.6 afa per home per Admin AP Memo No. 22. The irrigation is included separately on the right so the volume for domestic use does not include additional volume for irrigation.

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Figure 1 The well located in Lot 2 Block 1 of the Greenleaf Subdivision. The tag shown is the IDEQ water quality tag, not the well tag.



Figure 2 The specifications for the submersible motor showing that the pump is 7.5 hp.

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Figure 3 A digital readout screen on the pump control box showing the pressure at the pump at ~60 psi.

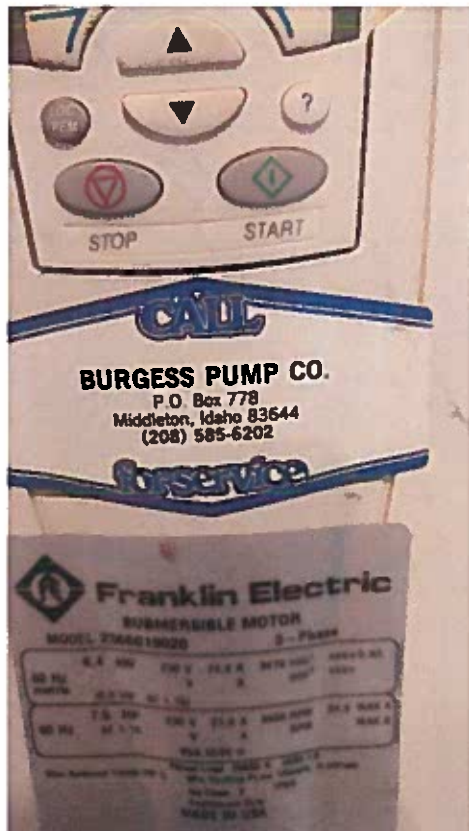


Figure 4 The contact information for Burgess Pump. The company provided information regarding the system capacity, pump set depth, and the total well depth.

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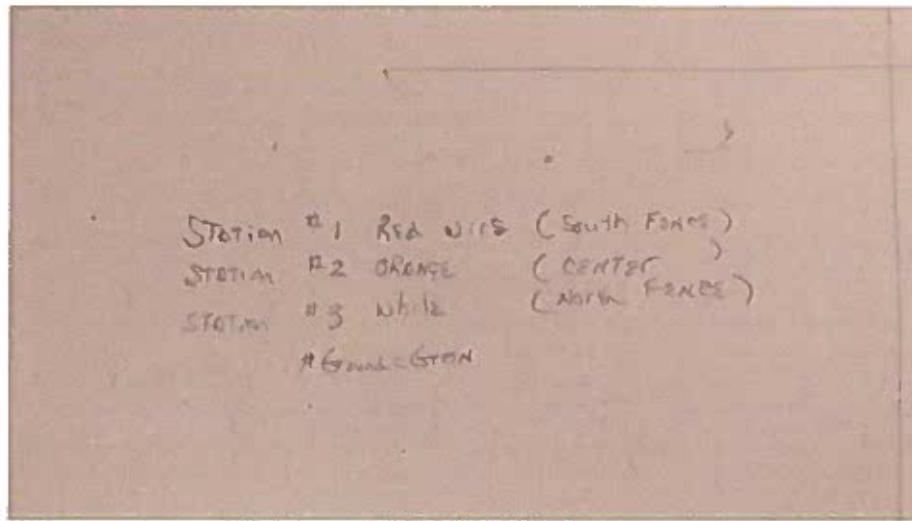


Figure 5 The 3 zones of irrigation for common areas within the subdivision.



Figure 6 The hydrant located in the southeast of the subdivision.

State of Idaho
Department of Water Resources
Attachment to Water Right License
63-11067

This map depicts the DOMESTIC and FIRE PROTECTION 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.

01E



0 0.035 0.07 0.14 Miles

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



State of Idaho
Department of Water Resources
Attachment to Water Right License
63-11067

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.

01E



0 0.035 0.07 0.14 Miles

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



MEMORANDUM

Date: August 11, 2017
To: Water Right File 63-11067
From: Cody Parker
Re: Tributary to

Kay Spencer, the HOA treasurer, accompanied me during the field exam. She did not know much about how the system was developed. I took the contact information from a sticker located on the pump control box in the well house and called them to see if they could provide information. They provided information concerning the well capacity, the pump set depth, and the total well depth. According to them, the well is 120 ft deep. The well is within the Bs 63 Groundwater Restricted Area, so the groundwater less than 200 ft is considered tributary to the Boise River. I changed the tributary information on the license which should be seen as a clarification because construction of the well to >200 ft was not specified as a condition on the permit.



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

June 28, 2017

HAMPTON HOMES HOMEOWNERS ASSN
925 N DOVE LN
BOISE ID 83704

Re: Notice of Intent to Void Permit to Appropriate Water No. 63-11067

Dear Permit Holder,

On 5/4/2017 the Idaho Department of Water Resources (IDWR) sent you a letter requesting to schedule a field exam for the water right permit listed above which authorizes the diversion of 0.6 cfs from groundwater for Irrigation, Domestic, and Fire Protection purposes. The letter specified that you were to contact the Department to schedule the field exam for your permit within thirty (30) days of the date of the letter or your permit would become void. The thirty-day deadline passed on 6/3/2017. This is the second and final attempt to contact you concerning this water right permit.

To schedule the field exam for your water right permit, please contact me by phone at 208-334-2190 or email me at cody.parker@idwr.idaho.gov. The field exam is the final step towards developing a water right license and is absolutely necessary for developing a water right. If you have not developed the beneficial use authorized by your water right permit, or you do not wish to pursue a water right license, please complete and return the enclosed Relinquishment of Permit form. If you do not own the property associated with this water right permit, you may convey your interest to the new owner by filling out and submitting the enclosed Assignment of Permit form. **I look forward to your response within thirty (30) days of the date of this letter. If I do not receive a response within this time, I will assume that you do not have any further interest in pursuing a water right license, and I will take action to void the permit.** Refunds are not available for voided applications. Thank you for your time and for your attention to these matters.

Respectfully,

Cody Parker
Water Resource Agent
IDWR Western Region
Phone: (208) 334-2190
Email: cody.parker@idwr.idaho.gov

Enclosure: Proof Report, Relinquishment of Permit, Assignment of Permit



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 5, 2017

HAMPTON HOMES HOMEOWNERS ASSN
925 N DOVE LN
BOISE ID 83704

RE: Scheduling Field Exam for Water Right Permit No. 63-11067

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **0.60 cfs of GROUND WATER for irrigation, domestic, and fire protection use(s)**. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Cody Parker
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map

Basin/Sequence	Owner	Source	Use
63-10150	BARBER W. GROUND	Y MUNICIPAL	
63-10396	CREAMER, GROUND	Y MUNICIPAL	
63-10391	CREAMER, GROUND	Y MUNICIPAL	
63-10405	CREAMER, GROUND	Y MUNICIPAL	
63-10853	CITY OF BO	GROUND Y IRRIGATION	
63-10854	STERLING I	GROUND Y IRRIGATION	
63-10879	PFLEGER I	GROUND Y IRRIGATION	
63-11009	COFFMAN, GROUND	Y DOMESTIC	
63-11067	HAMPTON GROUND	Y DOMESTIC	
63-11067	HAMPTON GROUND	Y FIRE PROTECT	
63-11067	HAMPTON GROUND	Y IRRIGATION	
63-11417	CITY BOISE	GROUND Y IRRIGATION	
63-12558	UNITED W. GROUND	Y MUNICIPAL	
63-12565	INDEPEND GROUND	Y IRRIGATION	
63-12053	UNITED W. BOISE RIVE	MUNICIPAL	
63-12365	UNITED W. GROUND	Y MUNICIPAL	
63-136	BARKER RC BOISE RIVE	IRRIGATION	
63-1378	BARKER RC BOISE RIVE	IRRIGATION	
63-15407	DE CHENNI GROUND	Y DOMESTIC	
63-16253	WILLIAMS, GROUND	Y DOMESTIC	
63-16435	MC KEE, H. GROUND	Y DOMESTIC	
63-16435	MC KEE, H. GROUND	Y STOCKWATER	
63-16817	GABRIEL GROUND	Y STOCKWATER	
63-1698	CREAMER, BOISE RIVE	MUNICIPAL	
63-17154	MILLER, CA GROUND	Y DOMESTIC	
63-17162	VAN KLEER GROUND	Y DOMESTIC	
63-17718	SACRON, GROUND	Y DOMESTIC	
63-17972	HALL, CHN GROUND	Y DOMESTIC	
63-17972	HALL, CHN GROUND	Y STOCKWATER	
63-18816	BARBER, G. GROUND	Y DOMESTIC	
63-18816	BARBER, G. GROUND	Y STOCKWATER	
63-18819	BARBER, G. GROUND	Y DOMESTIC	
63-18819	BARBER, G. GROUND	Y STOCKWATER	
63-19324	BABIACK, I. GROUND	Y DOMESTIC	
63-19324	BABIACK, I. GROUND	Y STOCKWATER	
63-19432	PECKHAM, GROUND	Y DOMESTIC	
63-19456	CREAMER, GROUND	Y MUNICIPAL	
63-19694	YASUDA, G. GROUND	Y DOMESTIC	
63-19694	YASUDA, G. GROUND	Y STOCKWATER	
63-198AJ	DAVIS, THE BOISE RIVE	IRRIGATION	
63-198AJ	DAVIS, THE MORES C	IRRIGATION	
63-19948	HULET, B. GROUND	Y DOMESTIC	
63-1998	DAVIS, THE BOISE RIVE	IRRIGATION	
63-1998	DAVIS, THE MORES C	IRRIGATION	
63-200CA	BARKER RC BOISE RIVE	IRRIGATION	
63-200B	DAVIS, THE BOISE RIVE	IRRIGATION	
63-200B	DAVIS, THE MORES C	IRRIGATION	
63-20850	DENNEY, I. GROUND	Y DOMESTIC	
63-2106	UNITED ST. FIVE MILE	C IRRIGATION	
63-2109	UNITED ST. MASON C	IRRIGATION	
63-233K	AMERICAN BOISE RIVE	IRRIGATION	
63-238BA	UNITED ST. BOISE RIVE	IRRIGATION	
63-2392B	DRAINAGE WASTE W	IRRIGATION	
63-2392F	BOISE PRO. WASTE W	IRRIGATION	
63-243E	CREAMER, BOISE RIVE	MUNICIPAL	
63-243H	CREAMER, BOISE RIVE	MUNICIPAL	
63-2500	CREAMER, GROUND	Y MUNICIPAL	
63-2506	CREAMER, GROUND	Y MUNICIPAL	
63-251A	UNITED ST. BOISE RIVE	IRRIGATION	
63-2576	CREAMER, GROUND	Y MUNICIPAL	
63-2595	CREAMER, GROUND	Y MUNICIPAL	
63-2605	CREAMER, GROUND	Y MUNICIPAL	
63-2668	CREAMER, GROUND	Y MUNICIPAL	
63-2703	CREAMER, GROUND	Y MUNICIPAL	
63-280B	CREAMER, GROUND	Y MUNICIPAL	
63-2874	CREAMER, GROUND	Y MUNICIPAL	
63-2892	CREAMER, GROUND	Y MUNICIPAL	
63-2915	ATYES, ME. GROUND	Y MUNICIPAL	
63-2954	CREAMER, GROUND	Y MUNICIPAL	
63-2956	CREAMER, GROUND	Y MUNICIPAL	
63-2968	FARWEST I. GROUND	Y IRRIGATION	
63-2989	CREAMER, GROUND	Y MUNICIPAL	
63-30181	DAVIS, THE BOISE RIVE	IRRIGATION	
63-30181	DAVIS, THE MORES C	IRRIGATION	
63-301A	UNITED ST. BOISE RIVE	IRRIGATION	
63-302A	UNITED ST. BOISE RIVE	IRRIGATION	

[illegible]

[illegible]