

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 63-34596Exam Date: 12/24/2018

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Dan Rohl
 Owner of Record Correct? Y X N
 Address of Record Correct? X Y N
 If No: Address

The Department parcel data shows Dennis and Katherine Creighton as the current owners of the parcel. Dan Rohl is the original owner and was the owner at time of the license review. An assignment of permit form was received by the Department upon licensing of the permit for this water right.

3. Beneficial Use Fees have been paid: X Y N Receipt No: W046930

4. **SOURCE** TRIBUTARY

Ground Water

Method of Determination: GIS and Taxlot DataChange in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis
City of Eagle Water Rights	Ground Water	Municipal	Various

Comments: All above mentioned water rights do not directly overlap this permit. They are for municipal use by the city of Eagle, ID. The applicant's property is in Eagle, ID, so the municipality is how the water rights are indirectly related.

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: There are no other water rights with the same point of diversion (POD). Water right 63-3016 has a POD within the place of use (POU) for this water permit but it is superceded by Decree. It was split into water rights 63- 33181 and 63-33182. Also water right 63-16646 has a POD within this water permit POU. The POU is in another tax parcel with stockwater and domestic uses.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Ground Water			SW	SW	29	5N	01E	B.M.	Ada
								B.M.	
								B.M.	

Method of Determination: Tax parcel data and information from Arcmap.Change in POD? X N Amendment Required? X N**2. PLACE OF USE:** Use: Irrigation, Domestic

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
5N	01E	29											2.5						2.5
		Lot #											D						
Total Acres =																			2.5

Method of Determination: Tax Parcel Data and GISChange in POU? X N Amendment Required? N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X 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
Well					

*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

E. FLOW CALCULATIONS Additional Computation Sheets Attached

Theoretical: .03 X 2.5 = .08 → .08 (Irrigation) + .04 (domestic) = .12

Permit allowed: .14 cfs

Administrative processing memo #22 allows .04 cfs/acre for domestic use and administrative processing memo #60 allows .03cfs/acre for irrigation under 5 acres.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.5 \times 4.5 = 11.3 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.10 \times 260 \times 1.9835 = 51.571$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 11.3 \text{ af}$$

2. Volume Calculations for Other Uses:

According to administrative processing memorandum #22, in house use for 1 home is limited to .6cfs.

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Tax Parcel information and GIS

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house field exam. The property is located in Eagle, ID and the city has numerous existing municipal water permits and licenses. Because this permit is in the city limits, these municipal water permits and rights indirectly overlap with this permit. However, there are no water rights that directly overlap with this permit. Water right numbers 63-33876, 63-33878, 63-32089 and 63-32573 are municipal permits for the city of Eagle. Water rights 63-11413 and 63-12448 are municipal water licenses.

Water for this permit will be diverted from the SWSW of Section 29 in Township 5 North, Range 1 East. This water permit is in Basin 63, which is also a ground-water restricted area. Ground water appropriation in this basin can be limited when shallower than 200 feet. This permit will appropriate ground water with one well approximately 200 to 220 feet deep, and is exempt from the ground water restrictions.

The owner states that the well was drilled for him or Statewide Construction in 1990 by S.O.S. Well Drilling and Pump Company (SOS). A search of the records does not show any well drilled for the permit holder by SOS. There are several records that show that SOS drilled wells for Statewide Construction, but none of those wells were in the same legal description or the Stillwell Estates Subdivision, which is where the point of diversion for the permit is located. According to Department records SOS only drilled two wells in Stillwell Estates Subdivision, and the location of those wells are clearly identified in the legal description as not being associated with the permit holder's property. In a memo by C. Parker dated September 13, 2018, Mr. Parker states that he estimated the water bearing zone based on surrounding well driller reports. Without having the actual well driller's report to verify the water bearing zone, I am hesitant to limit this right to a 200 foot water bearing zone. Therefore, I am recommending that the water bearing zone limitation be removed and rely on condition 165 which states the following:

To prevent injury to prior water rights appropriating water from the underlying shallow aquifer, the well used as a point of diversion for this water right shall be constructed and maintained with unperforated casing and sealed into the first significant confining layer located 200 feet or more below ground surface.

The above condition will maintain the well depth of 200 feet determined in the water bearing zone, but won't limit the depth of water if the well needs to be deepened in the future.

The well for this permit has a diameter of 8 inches. The method of diversion for the irrigation use is a submersible well pump and an underground sprinkler system. For the domestic use, there is a line to the house. The applicant had the option to divert a maximum of .15 cubic feet per second (CFS). The permit states that .10 CFS will be diverted for irrigation and .04 cfs for domestic use. The irrigation and domestic use total .14 CFS to be diverted annually. However, only 2.5 of the 5 acres requested was actually irrigated.

The place of use to be irrigated includes roughly the Western half of the property. After looking at the aerial imagery over the last number of years, I could not find more than 2.5 acres of irrigation in the SWSW quarter-quarter. Included in the irrigated area are trees and vegetation close to the house. Some of the acreage included with the irrigation use looks brown from Google Earth images. At the front of the property, land near the driveway was included because it appeared to be Cheatgrass. This grass inherently looks brown most of the year even when it is receiving water. Also, near the back of the property, the impression is given that a garden space was used in the past, so it was included in the irrigation area.

I removed conditions 1 and 2 as is standard. Condition 3 (R69), 4 (165), 8 (WB5) and 9 (X59/X60) will be carried forward to licensing. Condition 5 (120) will be changed to condition 103 as is standard. Condition 6 (046) will be removed as is standard. Condition 7 will be removed, since the water bearing zone was not established based on the well driller's report for this specific property. There is no well driller's report for this well, so I am recommending that this condition be removed.

Have conditions of permit approval been met? ☒ Yes ☐ No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	03/01 to 11/15	0.08 CFS	11.3 AF
Domestic	01/01 to 12/31	.04 CFS	0.6 AF
	<u>Totals:</u>	0.12 CFS	11.9 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATION – ALEX G. DALGLEISH – WATER RESOURCE AGENT

Field Examiner's Name Alex Dalglish Date 1/7/19

Reviewer Daniel H. Meln Date 1-8-19

State of Idaho
Department of Water Resources

Attachment to Permit to Appropriate Water

63-34596

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.

01E



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

0 0.035 0.07 0.14 Miles



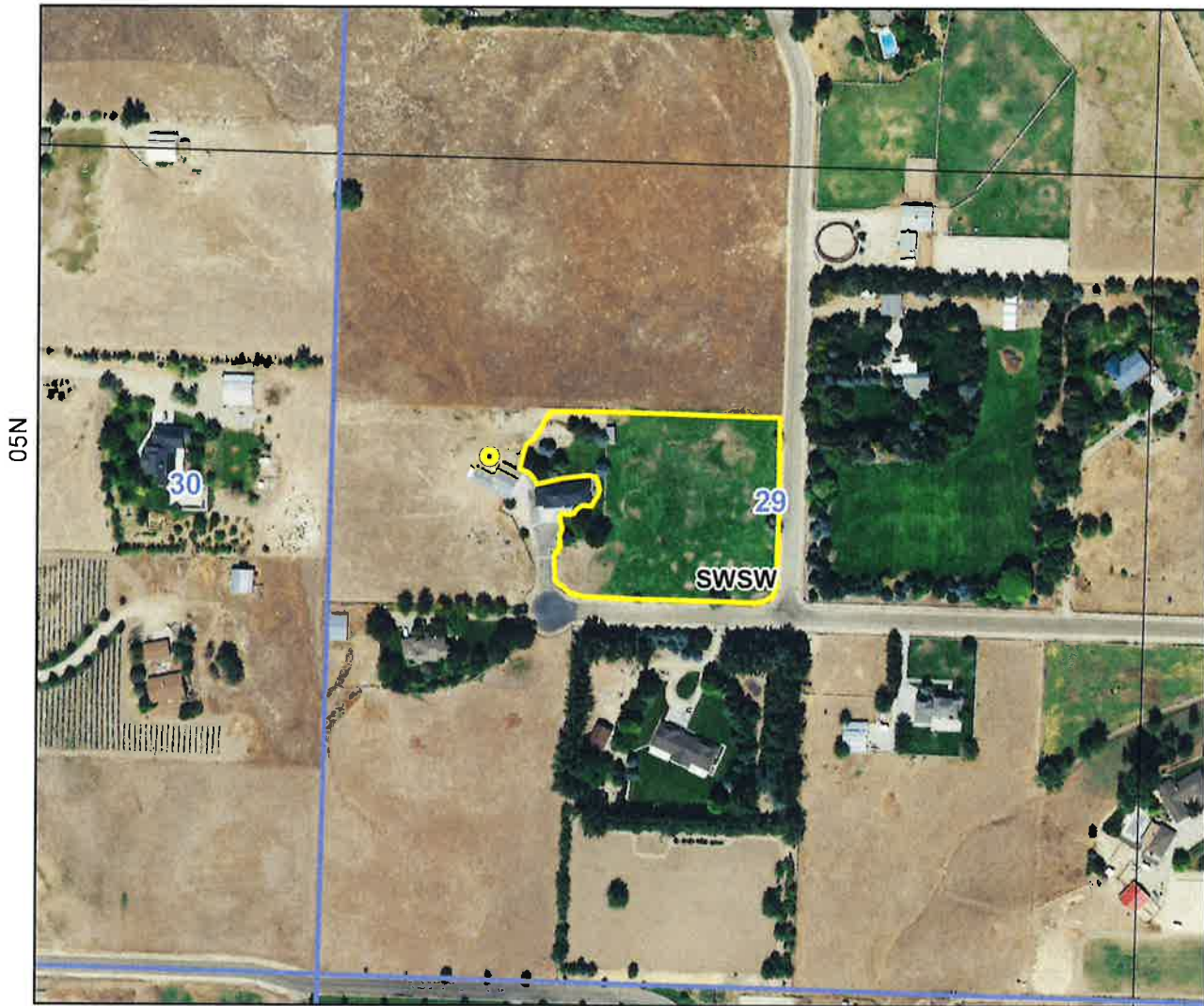
State of Idaho
Department of Water Resources

Attachment to Permit to Appropriate Water

63-34596

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

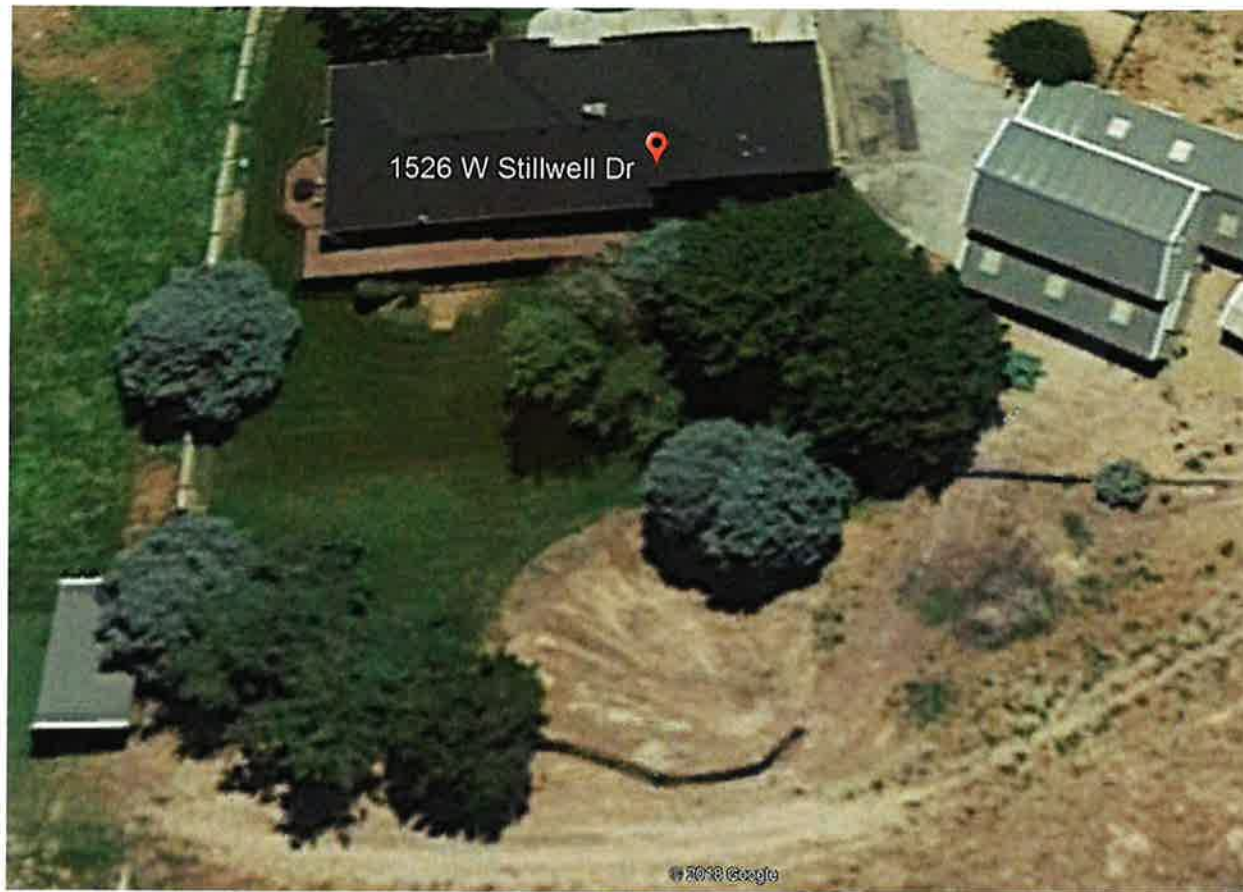


- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.035 0.07 0.14 Miles







To: Water Right 63-34596

From: Remington Buyer

Re: Change in Ownership

Date: November 16, 2018

Today, Dennis and Katherine Creighton came into the IDWR State Office to file an ownership change for water right 63-34596, however they were unable to do so as this water right is still a permit and not yet licensed. The Creightons recently purchased the property associated with permit 63-34596 from Dan Rohl. Mr. Rohl filed the application for permit and submitted proof of beneficial use for 63-34596, prior to selling land to the Creightons.

The Creightons left with an Assignment of Permit form which they intend to present to Mr. Rohl. They confirmed that their present mailing address is PO Box 457, Coarse Gold, California, 93614 and they provided a phone number of (559) 641-8241. They expect Mr. Rohl will assign to them the permit, and they will await for a confirmation of assignment. They also understand that because proof of beneficial use has been submitted, a field exam is likely to be scheduled for this water right during 2019.