

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

A. GENERAL INFORMATION

Permit No: 74-16036

Exam Date: 11/20/2015

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- a. Irrigation of 5 acres or less
- b. Storage of up to 14.6 AF for stockwater purposes only
- c. ☒ **Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less**
- d. Other < >
2. Current Owner: Name: Wayne D Scoggins
- Owner-of-Record Correct? ☒ Yes ☐ No
- Address-of-Record Correct? ☒ Yes ☐ No
- If No: Added email address

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: C101183

4. SOURCE**TRIBUTARY**

Spring

Geertson Creek

Method of Determination: Application info / aerial photography / GIS

Change in Source:

☐ Yes ☒ No**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap? ☐ Yes ☒ No

Water Right No.	Source	Purpose of Use	Basis

Comments: The following are a list of water rights within the same QQ however no water rights directly overlap the place of use related to this permit; water right 74-15039 is for irrigation surrounding the permit property, 74-15040 is for irrigation to the south, 74-15793 is for irrigation south, west, and northwest, 74-605C is for irrigation south, west, and northwest, and 74-606A is for irrigation north and west of permit.

2. Other water rights with the same point of diversion: Overlap? ☐ Yes ☒ No

Water Right No.	Source	Purpose of Use	Basis

Comments: Decreed water right 74-606A is for irrigation and domestic use from springs. The water right lists four points of diversions with one spring in the same QQ as this permit however the exact location of the spring diversion is unknown. Decreed water right 74-606B is for irrigation and it also lists four springs as a source with one of the springs in the same QQ as this permit. The exact location of the spring is unknown.

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

Source	Govt. Lot	¼	¼	¼	Sec.	TWP	RGE		County
Spring		NE	NE	NW	30	21N	23E	B.M	Lemhi

Method of Determination: The legal description of the property that includes the home and spring associated with this permit matches Lemhi County records. Please see "Narrative" for more information on ownership. Permit holder submitted a map showing location of the spring well house and pipeline location on the application for permit.

Change in POD? ☐ Yes ☒ NoAmendment Required? ☐ Yes ☒ No

2. **LOCATION OF PLACE(S) OF USE:** Use: 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	
21N	23E	30					X												

Method of Determination: The legal description of the property that includes the home and spring associated with this permit matches Lemhi County records. Please see "Narrative" for more information on ownership. Aerial photography and GIS confirm the house location associated with the domestic.

Change in POU? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No

3.

☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable. The pipe size is unknown.

☒ 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
Unknown		3/4"			Unknown

*3/4" HP pump information was obtained from Statement of Completion form submitted by permit holder

D. FLOW MEASUREMENTS

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

2. Measurements: In-office field exam. No measurements taken

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Standard = 0.04 cfs

Theoretical pump calculation = 0.05 cfs

Permit allowed = 0.04 cfs

License recommended for 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

Volume Calculations for Other Uses: Domestic – This permit is for domestic use. According to processing memo #22, domestic use for in-house and yard irrigation can have up to 1.2 acre feet of annual water use.

License recommended for 1.2 AF

G. PURPOSE OF USE

Irrigation ☐ Yes ☒ No # Stock _____

Domestic # of Homes 1 home

Other: < >

Change in Purpose of Use? ☐ Yes ☒ No

Method of Determination: Information in the water right file is consistent with aerial photography of the property.

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

H. NARRATIVE/REMARKS/COMMENTS

Permit qualifies for an in-office exam as it is for domestic use with a small diversion rate.

Legal description of the property matches the address associated with this permit however the owner of record as of 1/20/2015 according to Lemhi County is Raymond Wallace. A letter received 6/23/2015 notes the applicant purchased the property associated with the permit on 1/29/2015 which is after the records were updated with Lemhi County.

An overlap analysis shows water rights 74-606A and 74-606B both have a spring that is part of their source located in the same QQ as this permit. The mapping tool used shows the spring location as a "centroid" point and the exact location of the spring associated with the two water rights is unknown. This application for permit was protested by Marylu Raymond stating that she owned the water right to this spring however the protest was withdrawn as the matter was resolved between the two parties. Marylu Raymond currently does not have a documented water right under her name listing a spring as a source.

Conditions-R05 condition should be carried over to licensing as the permit is within Water District 74. Condition 01P and X01 should be carried over to licensing. Condition 029 should be removed at licensing as the permit holder contacted Idaho Fish and Game on 11/2/15 and was told that fish screening was not needed. Condition 187 limiting the irrigation under this domestic right to ½ acre was added for clarification of the irrigation associated with the domestic use.

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>
Domestic	01/01-12/31	0.04 cfs	1.2 AF
	<u>Totals</u>	0.04 cfs	1.2 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 ☐ Other

Other: < >

I. AUTHENTICATION – Steven Visosky, Water Resource Agent

Field Examiner's Name  Date 11/20/2015

Reviewer  Date 11-23-2015

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 74-16036
 Reviewer: Steven Visosky
 Date of Review:

P/D No.:

	Well #1	Well #2	Well #3	
PUMP HORSEPOWER	0.75	0.75	0.75	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	0	5	10	
DISCHARGE PRESSURE	50	50	50	
RATE OF FLOW (cfs)	0.04	0.04	0.04	0.04
	18	17	17	17.23

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

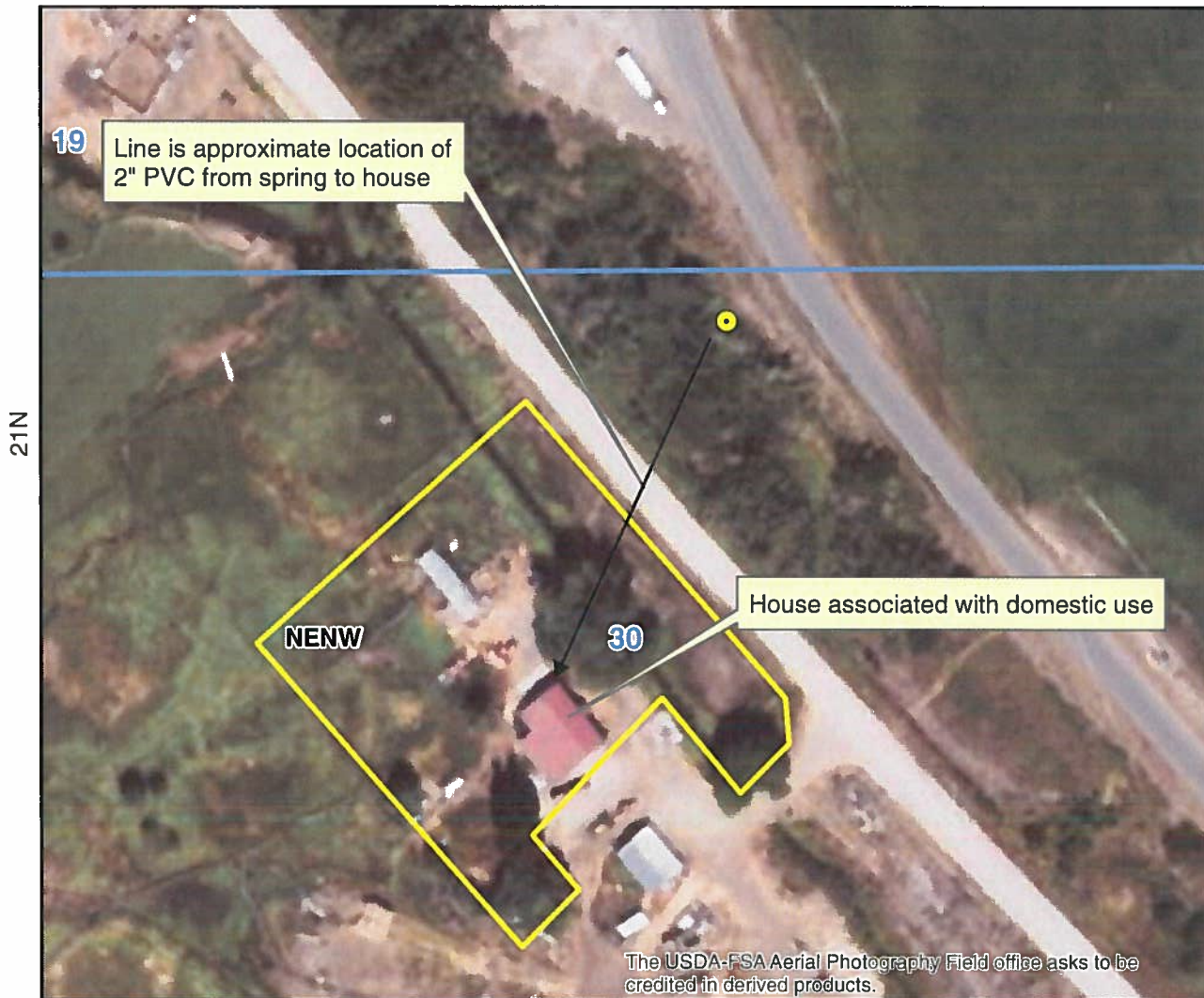
Examiners Notes:

The applicant listed on Statement of Completion that a 3/4HP pump was being used at the property. 50 PSI would be sufficient pressure to satisfy domestic and irrigation uses at a home. Assuming pumping levels of 0 to 10', a 3/4 HP pump would produce the 0.04 cfs flow rate associated with the permit.

Attachment to in-office field exam report 74-16036

Map created by Steven Visosky
November 20, 2015

23E



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

0 0.0125 0.025 0.05 Miles



Process	Basin Sequence	Draft	Owner	Source	POD/ POU	NENW	License review of POD overlap
Water Permit	74-16036	N	SCOGGINS, WAYNE DOUGLAS	SPRINGS	POD	X	Permit under review
Water Right	74-606A	N	ALDOUS, DICK; ALDOUS, DON; ALDOUS, SUZIE	SPRINGS	POD	X	Decreed licnse for domestic and irrigation that lists 4 points of divesion from springs with one spring listed inside of the QQ that is associated with this permit. The exact location is unknown
Water Right	74-606B	N	OLSON, KATHLEEN; OLSON, VERGIL DON	SPRINGS	POD	X	Decreed licnse for irrigation that lists 4 points of divesion from springs with one spring listed inside of the QQ that is associated with this permit. The exact location is unknown.

Process	Basin Sequence	Draft	Owner	Source	POD/POU	NEN W	Total Acre	License review comments
Water Permit	74-15988	N	JOLLEY, E DALE	GEERTSON CREEK	POU	X	0	Stockwater from Geertson Creek north and west of permit property
Water Permit	74-16036	N	SCOGGINS, WAYNE DOUGLAS	SPRINGS	POU	X	0	Permit under review
Water Right	74-15039	N	ALDOUS, DICK; ALDOUS, DON; ALDOUS, SUZIE	LEMHI RIVER	POU	22.2	22.7	Decreed Irrigation from Lemhi River surrounding property to the east, south, and west but does not overlap permit property
Water Right	74-15040	N	LAMBETH, RANDY; SARTOR, MELISSA	LEMHI RIVER	POU	5.9	6	Decreed irrigation to the south from Lemhi River
Water Right	74-15793	N	OLSON, KATHLEEN; OLSON, V DON	LEMHI RIVER	POU	7.8	46.8	Decreed irrigaton from Lemhi River south, west, and north west of property.
Water Right	74-605C	N	OLSON, KATHLEEN; OLSON, V DON	LEMHI RIVER	POU	7.8	46.8	Decreed irrigaton from Lemhi River south, west, and north west of property.
Water Right	74-606A	N	ALDOUS, DICK; ALDOUS, DON; ALDOUS,	SPRINGS	POU	5.0	5.5	Decreed Domestic and irrigation from springs not a direct overlap