

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

A. GENERAL INFORMATIONPermit No: 74-16016Exam Date: 09/27/2018

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Combined diversion rate is less than 0.24 cfs**

2. Current Owner: Name: The Clark Family Trust
 Owner of Record Correct? ☒ Yes ☐ No
 Address of Record Correct? ☒ Yes ☐ No
 If No: Address

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: C105696

4. **SOURCE** TRIBUTARY
Lemhi River Salmon River
 Method of Determination: GIS and USGS quad maps
 Change in Source: ☐ Yes ☒ No

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments: In the application for permit, the permit holder states that the source for in-home domestic use is insufficient for irrigating the yard and garden.

Other water rights in the same quarter-quarter do not overlap with the place of use.

Eagle Valley Ranch, LLC: 74-4029, 74-746A, 74-746B, 74-15610, 74-15609, 74-15611 – Property on other side of river.
Charles G. Oeding: 74-15665 – Belongs to the tax parcel to the south (RP21N23E332402).

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

Water Right No.	Source	Purpose of Use	Basis

Comments: Point of diversion is within property boundaries of permit holder, and is not shared.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Lemhi River			NE	NW	33	21N	23E	B.M.	LEMHI
								B.M.	
								B.M.	

Method of Determination: GIS and tax parcel information

Change in POD? ☐ Yes ☒ No

Amendment Required?

☐ Yes ☒ No

2. **PLACE OF USE:** Use: Domestic Use, including 0.5 acres of irrigation

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	33					D												
		Lot #																	
Total Acres =																			

Method of Determination: GIS and tax parcel information. The application for permit includes a diagram of the intended area for irrigation. Proof of Beneficial Use includes attachments with photographs of the irrigation system in place for the garden and lawn.

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

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Unknown		Unknown	Unknown	1.5 inch inlet & outlet

*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: This permit was reviewed as an in-house permit, so there were no measurements made.**E. FLOW CALCULATIONS**

____ Additional Computation Sheets Attached

Measured Method:

According to Administrative Memorandum – Application Processing #22, we can allow up to 0.04 cfs for in-house use and up to ½ acre of yard irrigation.

Application Processing Memo #22 = 0.04 cfs**Permit allowed = 0.04 cfs****License recommend for 0.04 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}} \times 3.5 = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}} \times 214 \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Administrative Processing Memo # 22 allows 1.2 acre-feet for in-house use and a ½ acre of yard irrigation. However, condition #3 of the permit limits the daily volume to 13,000 gpd, so no volume is required on this permit.

G. PURPOSE OF USEIrrigation ☒ Yes ☐ No # Stock _____ Domestic # of Homes 1

Other: Includes irrigation of ½ acre around the home.

Change in Purpose of Use? ☐ Yes ☒ No**H. NARRATIVE/REMARKS/COMMENTS**

The permit is for Domestic use for one home, including the irrigation of ½ acre for the yard and garden. The POD and POU are within the same tax parcel owned by the permit holder.

The GIS shapefile of the POU was expanded from the shapefile for the permit to include the entire tax parcel owned by the permit holders. This change was made to include the home on the property, which is an authorized place of use.

Proof of Beneficial Use Statement confirms that Fish Screen was applied, therefor the condition will be removed at licensing. All other conditions will be carried forward to licensing.

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	03/15 to 11/15	0.04 CFS	
<u>Totals:</u>		0.04 CFS	

No volume is needed because there is a condition that limits the use to 13,000 gallons per day.

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above X None

Other: < >

J. AUTHENTICATION – David Betts, Water Resource Agent

Field Examiner's Name David Betts Date Sept. 28, 2018

Reviewer Donna P. H. M. Date 9/28/18

Permit 74-16016 – Field Exam Map

The aerial photo below shows the point of diversion (yellow dot) and place of use (yellow border). The water is diverted from the Lemhi River and pumped to the yard. The permit states that the water can be used in the home if necessary, so I changed the place of use from the permit shape file to include the entire tax parcel. This allows the home to be included within the boundaries of the place of use.

