

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

A. GENERAL INFORMATIONPermit No: 47-17503Exam Date: 10/27/2016

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: John W Cardozo and Elvira Cardozo
 Owner of Record Correct? x Y N
 Address of Record Correct? x Y N
 If No:

3. Beneficial Use Fees have been paid: x Y N Receipt No: S030703, C102610

4. SOURCE

Ground Water

Method of Determination: Permit information, well log & ArcMap data

Change in Source: Y x N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
None			

Comments: Water Rights 47-13717 & 47-7663F under same owner, but located north and south of 47-17503 and do not overlap.

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

Water Right No.	Source	Purpose of Use	Basis
None			

Comments:

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water			SW	NW	26	10S	14E	B.M.	TWIN FALLS

Method of Determination: Permit information, well log & ArcMap data

Change in POD? Y x N Amendment Required? Y x N

2. PLACE 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	
10S	14E	26							D										
		Lot #																	
Total Acres =																			

Method of Determination: Permit information, well log & ArcMap data

Change in POU? Y x N Amendment Required? Y x 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 Unknown					

*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
None						

2. Measurements: in-house fx – no measurements required**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

Measurement = per administration procedure memo #22 – permit used for domestic purposes is limited to 0.06 cfs for 2 houses and 0.02 cfs for the irrigation of 2 yards (or 0.04 cfs per house & yard) for a total of 0.08 cfs

Permit allowed = 0.08 cfs**License recommend for 0.08 cfs****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad\quad} \times 3.5 = \underline{\quad\quad}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\quad\quad} \times 214 \times 1.9835 = \underline{\quad\quad}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{\quad\quad}$$

2. Volume Calculations for Other Uses: per administration procedure memo #22 – permit used for domestic purposes is limited to 1.2 af per household (house & yard) for a total of 2.4 af (license will be limited to 13,000 gdp so no volume is required)

G. PURPOSE OF USEIrrigation ☐ Y ☒ N # Stock _____ Domestic # of Homes 2

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Permit information, well log & ArcMap data

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

H. NARRATIVE/REMARKS/COMMENTS

- This permit qualifies for in-house exam.
- Water Rights 47-13717 & 47-7663F under same owner, but located north and south of 47-17503 and do not overlap.
- Well information unknown – not provided by applicant.
- Measuring device and lockable controlling device are not required.
- Permit used for domestic purposes is limited to 0.06 cfs for 2 houses and 0.02 cfs for the irrigation of 2 yards (or 0.04 cfs per house & yard) for a total of 0.08 cfs & 1.2 af per household (house & yard) for a total of 2.4 af per administration procedure memo #22.
- Conditions #1 (933), #2 (020), #3 (071) and #4 (WB5) will be carried 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	01/01 to 12/31	0.08 CFS	
<u>Totals:</u>		0.08 CFS	

2. Recommended Amendments (Please Note: license will be limited to 13,000 gdp so no volume is required)☐ 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. AUTHENTICATIONField Examiner's Name Kyle Rayworth Date 10/27/2016
Kyle Rayworth – Water Resource AgentReviewer Daniel A. Weber Date 10-27-16

State of Idaho
Department of Water Resources
Field Exam Map
47-17503

14E



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

0 0.035 0.07 0.14 Miles



