

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

A. GENERAL INFORMATIONPermit No: 92-11047Exam Date: 4/3/2017

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- 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: James A. and Cynthia J. Turner
- Owner of Record Correct? X Y N
- Address of Record Correct? Y N
- If No: Address

Tax lot data shows James A. Turner as the owner of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0

4. **SOURCE** TRIBUTARY

Ground water

Method of Determination: Prior Field Examination for Water Right 9210014

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: There are no other water rights within the 40 acre tract.

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

Water Right No.	Source	Purpose of Use	Basis
92-10014	Ground water	Domestic	License

Comments: The owners of water right 92-10014 have let the permit holders to tie into their water system. Therefore, 92-10014 directly overlaps the point of diversion. The place of use for water right 92-10014 is in a different 40 acre tract.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Shallow Well			SE	NE	22	45N	1W	B.M.	BENEWAH
								B.M.	
								B.M.	

Method of Determination: Visual inspection and GPS from Field Examiner for water right 9210014.Change in POD? X N Amendment Required? X N **2. PLACE OF USE:** Use: 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	
45N	1W	22				D													
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Parcel DataChange in POU? X N Amendment Required? 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	NONE Gravity Flow				2 inch Black Plastic Pipeline

*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
See Water Right 92-10014						

2. Measurements: See Water Right 92-10014.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

An in-field examination was performed on this permit. The only change to the system, is that permit holder has connected onto the delivery line after the owner of permit 92-10014.

Measurement of Diversion in 92-10014 = 0.06

Permit allowed = 0.04 cfs

I am recommending a diversion rate of 0.04 cfs as recommended applied for in the permit.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

There is no information to show what the actual water volume being used. Therefore, I am following the standards set forth in Processing Administrative Memorandum #22, which states that the permit should be limited to 1.2 af for in-house use and up to ½ acre of yard irrigation.

G. PURPOSE OF USEIrrigation ☐ Y ☐ N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Y ☐ NMethod of Determination: Tax data, GIS, and Well Driller's Report.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit uses the same shallow well as water right 92-10014. An in-field inspection was performed on 92-10014 on May 20, 2013. The field examiner determined the system capacity for 92-10014 was 0.06 cfs. The permit holder informed me that they have not changed the system except for adding on a line at the end of the system. Therefore, the diversion rate of 0.06 cfs found during the field examination of 92-10014 is still the system capacity. The aerial photography confirms that there is a home and small areas around the buildings that appear to be irrigated.

Please review the field examination for 92-10014 for additional information on the delivery system. According to the permit holder, they hooked onto the same line at the home described in 92-10014 and buried a line down to their home. Basically, they get any additional water than what was developed by the water right owners of 92-10014.

Conditions 2 (004), 3 (X01) and 4 (187) need to be carried over to licensing. Condition 1 (046) can be removed at licensing. Condition 2 was carried forward, since the point of diversion and most of the delivery line are on property not owned by the permit holder. Condition X35 will need to be added to the permit, since the system capacity is only 0.06 cfs and this permit and the existing license add up to 0.08 cfs. The full diversion rate should be included on this permit, since there will be times that upper water use will not be diverting water.

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	0.04 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 ☐ None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – Analyst 3

Field Examiner's Name  Date 4-4-17

Reviewer _____ Date _____



Permit 92-11047

System Diagram and
Field Exam Map.

Place of Use for License 92-10014

Point of Diversion for
License 92-10014 and
Permit 92-11047

Place of Use for Permit 92-11047

MEMORANDUM

TO: Water Right Permit File 92-11047

FROM: Daniel A. Nelson

DATE: April 3, 2017

SUBJECT: Telephone Conversation Memo

On this date I spoke with Jim Turner concerning my March 31, 2017 email. The question in the email was whether or not Mr. Turner connected onto the end of the supply line for Mr. Fullmer or whether he had a direct line from the well. According to Mr. Turner, he connected onto the line after it supplies Mr. Fullmer. Mr. Turner and Mr. Fullmer use the same well and same supply line, so there should be a combined limitation condition. The flow rate calculated for Mr. Fulmer's system capacity in field examination for water right 92-10014 was 0.06 cfs.

Nelson, Dan

From: Nelson, Dan
Sent: Friday, March 31, 2017 2:15 PM
To: 'jc.chevysrforever@gmail.com'
Subject: Licensing Review for Permit 92-11047

Dear Mr. and Ms. Turner,

In 2013, I performed the licensing verification for Mr. Fullmer's water right license that uses the same ground water right as your permit 92-11047. With my knowledge of the site, I was asked to review your permit to see if I can license the permit without setting up a second field examination on the same system. With a little help from you, I believe I can verify the use and license your permit fairly quickly without a need to visit the site.

All I need to know is if any alterations to the system were made to hook you up to the system. Did you just hook onto the end of Mr. Fullmer's pipeline or did you put in a new pipeline from the spring to your property. If you put in a new pipeline, do you remember what size the pipeline was? Mr. Fullmer had a 2 inch plastic pipeline that flowed down to his property from the spring box.

If you answer this question, we should be able to verify the water right from the examination we did on Mr. Fullmer's property and finish the water right licensing process in a couple of weeks.

Respectfully,

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)