

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

A. GENERAL INFORMATIONPermit No: 95-10546Exam Date: 7/1/2019

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 onlyc. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

d. Other:

2. Current Owner: Name: Bill F. Bixby and/or Lorelei Bixby

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No: Address

3. Fees have been paid:
- X
- Y
-
- N Receipt No: N035071

4. **SOURCE**

Spring

Method of Determination: Applicant Statement

Change in Source:

TRIBUTARY

Unnamed Stream

 Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:
- X
- NONE

Water Right No.	Source	Purpose of Use	Basis

Comments: No direct overlap

2. Other water rights with the same point of diversion:
- X
- NONE

Water Right No.	Source	Purpose of Use	Basis

Comments: No other rights on POD

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		SE	SW	NE	9	52N	03W	B.M.	Kootenai
								B.M.	
								B.M.	

Method of Determination: Applicant statement and GIS visual inspection

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	
52N	03W	9			D														
		Lot #																	
Total Acres =																			N/A

Method of Determination: Applicant statement and GIS visual inspection

Change in POU? ____Y ____X ____N Amendment Required? ____Y ____X ____N

3. ____ 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

*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: None taken

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:
N/A

Measurement = N/A cfs
Permit allowed = 0.04 cfs

License recommend for 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: 1.2 afa for irrigation per Application Processing Memo 22.

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

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

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

2. Volume Calculations for Other Uses:

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

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: < >

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

H. NARRATIVE/REMARKS/COMMENTS

The permit is for 0.04 cfs of water for domestic from a spring, application was filed in 2009. The original application stated it was for one home and associated irrigation. A request for extension, asking for 5 more years, was filed on August 4, 2014. The applicants stated on the extension request that they had completed a cistern to collect water, installed a pump to pump water to a holding tank, and a pump and piping from the holding tank to two frost-free spigots. Aerial imagery from 2009 clearly shows no development in the way of structures on the Bixby property. Imagery from 2014 (when the request for extension was filed) shows evidence of a structure at the point of diversion, as well as another small structure and a half acre garden at the northwest corner of the property. Imagery from 2018 (closest available to the 2019 proof of beneficial use submittal) still shows the same structures and garden as in 2014. It was unclear if the structure near the garden is a home or not or whether or not the applicants had been camping on the property and using the water for an R.V. I contacted the applicants by email on July 16, 2019 to find out more about their water uses at the property and they responded the same day stating they have been camping on the property and hooking up an R.V. to the water. This would suffice to satisfy a domestic use.

Have conditions of permit approval been met? ☒ X 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 ☒ X None☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ X None

Other: < >

J. AUTHENTICATION Scott Storms, Water Resource Agent, SeniorField Examiner's Name [Signature] Date 7/26/19Reviewer [Signature] Date 7-26-19

2017 NAIP Imagery



2014 Google Earth Image

Write a description for your map

Legend



2013 NAIP Imagery



2009 NAIP Imagery



Storms, Scott

From: Lori Bixby <blbixby4@gmail.com>
Sent: Tuesday, July 16, 2019 10:35 AM
To: Storms, Scott
Subject: Re: Water Right 95-10564 Licencing

Good morning, Scott

We are camping on our property right now and using the water with our camp trailers for domestic use.

We have our building permit and hope to begin something very soon.

I hope this is enough information to be of help.

On Tue, Jul 16, 2019 at 9:19 AM Storms, Scott <Scott.Storms@idwr.idaho.gov> wrote:

Good morning Mr. & Mrs. Bixby,

I have been assigned the final review for licensing of your water right no. 95-10564, for domestic use of 0.04 cfs sourced from a spring. I see, per previous correspondence in 2014, that you have installed a cistern and pump at the spring to pump water to a holding tank and another pump to pump water to two frost-free spigots and that you have been watering a garden. You also stated in that correspondence that you had not yet completed a building.

In reviewing aerial imagery of the property, it looks as if some type of structure was built next to the garden around 2012. Depending on what this structure is, or what other uses the frost free spigots are used for, this may qualify as enough for domestic use. Is there any form of plumbing to this structure, or is it perhaps used to park a camper under that is hooked to one of the spigots? Or do you, at any time during the year, park a camper on the property and hook it up one of the spigots? Any further information you can provide to help show any form of domestic/household use of the water would greatly assist in completing my review.

Thank you, and feel free to contact me if you have any further questions

Scott Storms

Senior Water Resource Agent

Idaho Department of Water Resources

208-287-4915