

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

A. GENERAL INFORMATIONPermit No: 82-12255Exam Date: 10/14/2015

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: Charles and Deborah Fournier
- Owner of Record Correct? X Y ___ N
- Address of Record Correct? Y ___ N
- If No: Address

Please Note: The property is actually in the name of the Fournier Family Trust. I am assuming that Chares and Deborah Fournier are the Trustees.

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

4. SOURCE TRIBUTARY

Ground water

Method of Determination: Well Driller's Report, GIS and Taxlot DataChange in Source: ___ Y X ___ N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
82-2074	Wall Creek	Domestic	Decree
82-7107	Wall Creek	Domestic, Irrigation, and stockwater	Decree
82-12252	Ground water	Municipal and Stockwater	Permit
82-10268	Ground water	Stockwater	Decree

Comments: This property falls within the borders of the Clearwater Water District. It appears as though water rights 82-2074 and 82-7107 diverted water from Wall Creek, and treated it to supply to their water users. According to the file for 82-12252, Clearwater Water District can no longer use Wall Creek water for their culinary system, and can only use those rights for irrigation purposes. This home may have used the Clearwater Water District for a time, but with they may not be able to do this any longer due to the edict to stop using Wall Creek water for their culinary water. Permit 82-12252 is Clearwater Water District's ground water permit to replace the culinary water from the Wall Creek rights. It doesn't appear as though the ground water right could be pumped up to this location. Water right 82-10268 shows the same place of use as the Clearwater Water District, but place of use from the decree states it is Section 24, and not in the section described by this permit.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: Water right 82-10077 has a point of diversion in the same 40 acre tract, but it is from a spring that feed water to a home in the same 40 acre tract located on a different parcel of land. I am assuming that the well location could have been drilled in an attempt to capture the spring water, but I can't ensure that.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground water			NW	SE	30	31N	5E	B.M.	Idaho
								B.M.	
								B.M.	

Method of Determination: GIS and Taxlot data.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	
31N	5E	31												SW					
		Lot #																	
Total Acres =																			

Method of Determination: GISChange 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	Unknown	Unknown	Unknown	Unknown	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: No measurement is required for an in-house exam, but a theoretical calculation was used to determine if the diversion rate is reasonable.

E. FLOW CALCULATIONS X Additional Computation Sheets Attached

Measured Method:

A theoretical analysis shows that a diversion rate of 0.04 cfs is possible with a 5 Hp pump. The owner didn't know the size of pump that they had, so I will recommend a diversion rate of 0.04 cfs, which is what was requested on their application for permit.

Theoretical = 0.04 cfs

Permit allowed = 0.04 cfs

I am recommending 0.04 cfs for the licensing of this permit

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

This is a domestic use. According to processing memo #22, and Domestic use for in-house and yard irrigation can have up to 1.2 acre feet of annual water use. I am recommending 1.2 af for this permit.

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

Other: < >

Change in Purpose of Use? Y NMethod of Determination: Taxlot data and conversations with owner.If Yes: From Use To Use Amount CFS AFA **H. NARRATIVE/REMARKS/COMMENTS**

This permit is qualifies for an in-house exam. I did receive confirmation from the owner of the actual location of the home. The remaining buildings on this parcel are out buildings. The owner didn't give me a the size of the well pump, so I had to estimate the diversion rate. All of the conditions have been met, and it is reasonable to believe that the owners are using water for this system. Therefore, I am recommending a diversion rate of 0.04 cfs and 1.2 af, which is the standard for domestic uses. The aerial photos show the home was constructed sometime after 1987 and before 2004. The 1990's aerial photos were not clear enough to determine if the home was built at that time.

I am going to leave the conditions 004, X01, and 187 on the license, but I am going to remove condition 046 per standards. Condition 004 may not be necessary, but I am not positive that the permit holder isn't using the road right-a-way for the pipeline from the well to the home.

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>
Irrigation	04/01 to 10/31	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

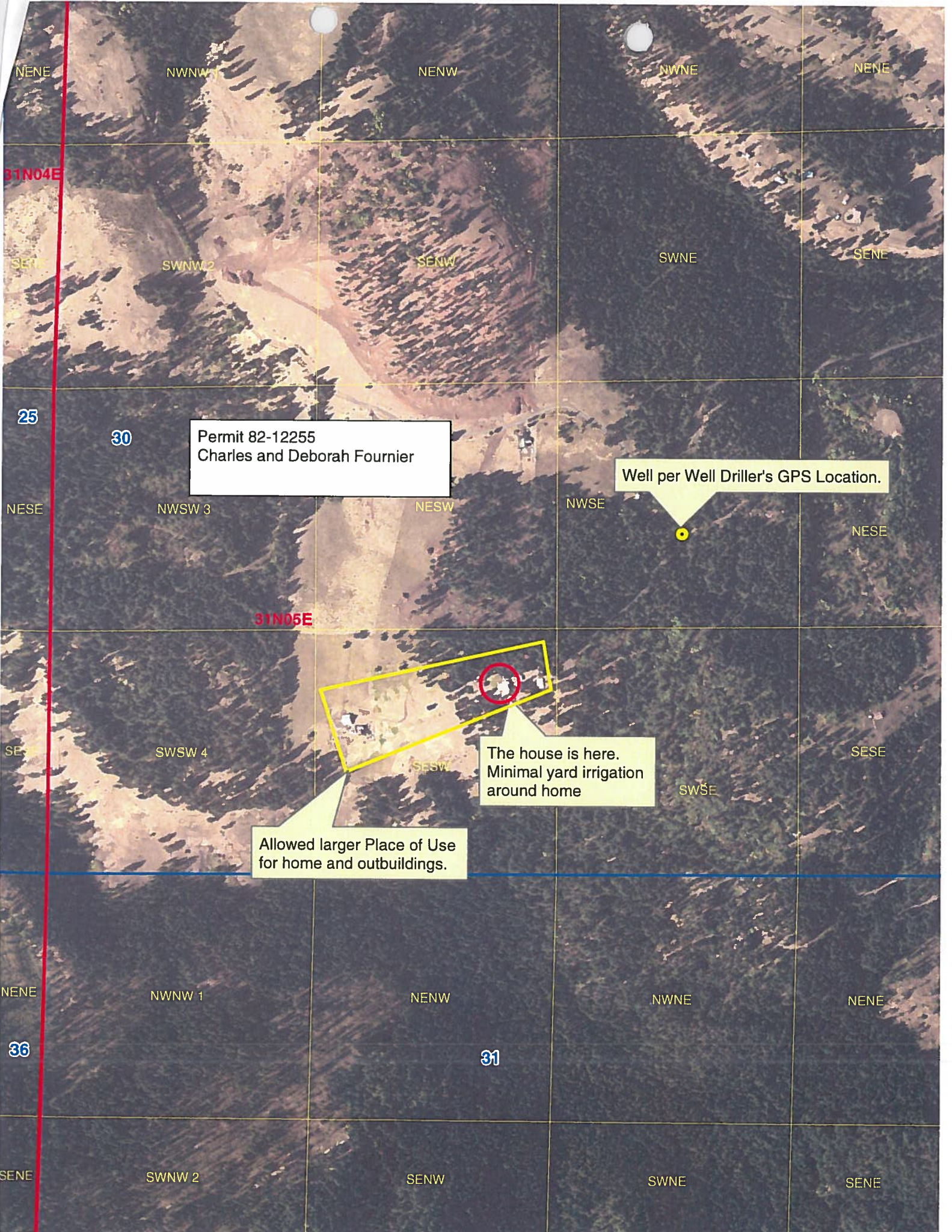
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATION

Field Examiner's Name *Daniel A. Mc* Date 10-14-15

Reviewer _____ Date _____



Permit 82-12255
Charles and Deborah Fournier

Well per Well Driller's GPS Location.

The house is here.
Minimal yard irrigation
around home

Allowed larger Place of Use
for home and outbuildings.

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 82-12255
 Reviewer: Dan Nelson
 Date of Review: 10/14/2015

P/D No.:

	Scenario 1	Scenario 2	Scenario 3	
PUMP HORSEPOWER	2	3	5	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	470	470	470	
DISCHARGE PRESSURE	50	50	50	
RATE OF FLOW (cfs)	0.02	0.03	0.05	AVE
	9	14	24	0.04
				15.7

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 application for permit stated that the pump would be a 10 gpm variable speed pump to a 3,000 gallon storage tank. However, the aerial photos don't show any storage tanks or an area where storage tanks could have been buried. Without a field exam, I have to treat this system as a pump directly to the home type of system. Therefore, I used the standard average pressure of 50 psi that is set up for most homes. The well log shows a pumping water level of 470 feet at a diversion rate of 30 gpm, which matches the flow rate requested in the permit. In order to achieve the 0.04 cfs diversion rate allowed by the permit, the owner would need a 5 Hp pump. There is quite a distance from the well to the home, so this does sound reasonable. I recommend a diversion rate of 0.04 cfs.

Nelson, Dan

From: WCE [wallcreekent@gmail.com]
Sent: Friday, October 09, 2015 12:13 PM
To: Nelson, Dan
Subject: Re: Water Appropriation Permit 82-12255

Dan:
You have it shown correctly.
Thanks for the follow up.
If you need more info, please let me know.
Charlie Fournier

On Fri, Oct 9, 2015 at 10:29 AM, Nelson, Dan <Dan.Nelson@idwr.idaho.gov> wrote:

Charlie,

Thank you Charlie. I think that I have it figured out. I will start the processing of your license. I have attached a map to this email just to double check. This is the building that I thought it was from the beginning because of the yard around it, but I wasn't totally positive. I tend to be overly cautious with other people's water rights. Water rights are important, so I always try to do my best to make sure things are done correctly.

If the enclosed map is not correct, please let me know. Otherwise, I will move forward with the process.

Dan Nelson

From: WCE [mailto:wallcreekent@gmail.com]
Sent: Friday, October 09, 2015 10:46 AM
To: Nelson, Dan
Subject: Water Appropriation Permit 82-12255

Daniel

I tried to call, but a message machine for Timothy McCarty answered.

I left a message but decided to email also.

The house associated with the permit is the third building from the right, red line on the satellite photo that you sent.

If you have any questions please email or call. 208-926-7545.

Please confirm that you received this email.

Thank you.

Charlie Fournier

Nelson, Dan

From: Nelson, Dan
Sent: Friday, October 09, 2015 11:30 AM
To: 'WCE'
Subject: RE: Water Appropriation Permit 82-12255
Attachments: 82-12255.pdf

Charlie,

Thank you Charlie. I think that I have it figured out. I will start the processing of your license. I have attached a map to this email just to double check. This is the building that I thought it was from the beginning because of the yard around it, but I wasn't totally positive. I tend to be overly cautious with other people's water rights. Water rights are important, so I always try to do my best to make sure things are done correctly.

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Thank you.

Charlie Fournier





State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

10/2/2015

CHARLES AND DEBORAH FOURNIER
632 ELK CITY WAGON RD
CLEARWATER ID 83552

RE: Water Appropriation Permit 82-12255

Request for Information

Dear Permit Holders:

In 2014 IDWR issued permit 82-12255 authorizing the development of a right to divert 0.04 cfs of water from ground water for domestic use for a single home in the SE1/4 SW1/4 of Section 30, Township 31 North, Range 5 East. The final step in the water appropriation process is the issuance of a Water Right License. By issuing a license, IDWR recognizes that water has been put to beneficial use in accordance with the permit. For your convenience, I am enclosing a copy of permit listed above.

This permit qualifies for what is known as in-house exam or desk top review instead of an in-field verification inspection of the property. A verification review is necessary to move this permit forward to a water right license. During my review of your file, I was able to verify all of the elements necessary to license your permit, except for verifying where the water is being used. I have enclosed a 2015 aerial photo that shows your property. I have outlined the area that I think your domestic use or home is located. However, there appears to be 2 building sights. I cannot be sure from aerial photo where the water is being delivered to for the domestic use.

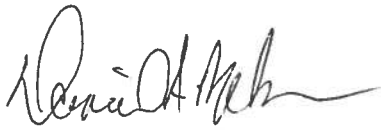
I need to ask that you mark the location of the home, and give a brief description of what the other buildings are in the orange border on the map. A brief description of how the water from the well is used and where it goes would also be helpful.

You can request that IDWR personnel go into the field to collect this information accompanied by yourself or your representative. For this to occur, please contact me within 30 days. If you would like your representative to be present, please have the name, telephone number, and email of your representative. Be aware that you and the representative must be available to be contacted for scheduling of the required visit {before insert date or in a timely manner}.

Please provide the requested information November 1, 2015. If I do not receive the requested information or I have not been contacted by you by November 1, 2015, I will need to take action to void your permit under the provision of Section 42-219(8) of the Idaho Code.

If you have any questions, please contact me at 208-287-47856. Thank you for your attention to this matter.

Respectfully,

A handwritten signature in black ink, appearing to read "Daniel A. Nelson", with a stylized, flowing script.

Daniel A. Nelson
Staff Hydrologist
Telephone # (208) 287-4867
Fax (208) 287-6700 (attn: Dan Nelson)
Email dan.nelson@idwr.idaho.gov

Enclosure(s): Computer generated water right permit report
Map of property

Hersley, Jean

From: Hersley, Jean
Sent: Wednesday, September 30, 2015 8:12 AM
To: 'WALLCREEK@WILDBLUE.COM'
Subject: Idaho Water Permit: 82-12255

Dear Permit Holder:
DEBORAH FOURNIER

Permit Number: 82-12255

**IMPORTANT: A response from you is required to maintain the active status of the referenced water right permit.
If no response is received from you, the permit will lapse and your authorization to develop and/or use this water right will be cancelled.**

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before **2/1/2016**.
The proof statement must be accompanied by either the appropriate license examination fee or a field examination report prepared by a certified water right examiner.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been delayed by a government agency or by litigation that brings title to the water in question, an extension of time may granted if appropriate documentation is provided at the time of filing. An extension request must be accompanied by a \$50.00 filing fee and signed by the appropriate authorized permit holder(s) or authorized representative with a power of attorney.

Proof of Beneficial Use and Request for Extension of Time forms are available from any department office or at the department's website at www.idwr.idaho.gov .

Either an acceptable proof or an acceptable extension request must be received by this department on or before the above proof due date. If neither is received, the department will send you a lapse notice and the permit will no longer be of any force or effect.

Sincerely,

Darla Block
Technical Records Specialist
(208) 287-4945
darla.block@idwr.idaho.gov