

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

A. GENERAL INFORMATIONPermit No: 96-9790Exam Date: 2/24/2021

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.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: Alexander R. Russel
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

The Bonner County tax parcel records show the property is owned by Alexander R. Russell.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C109939

4. **SOURCE** TRIBUTARY

Pend Oreille River

Columbia River

Method of Determination: GIS and Tax Parcel DataChange 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

Comments: There are no overlapping rights for this place of use or in this Government Lot.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no overlapping rights for this place of use or in this Government Lot.

C. DIVERSION AND DELIVERY SYSTEM

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
River Diversion	2		NW	NW	36	57N	3W	B.M.	BONNER
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel Data.

Change in POD? X N Amendment Required? 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	
57N	3W	36						D											
		Lot #						L2											
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
River Pump	Unknown	½			1.5 inch

*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. Application for permit states the pump is a ½ Hp pump capable of 480 gph or 8 gpm or 0.017 cfs.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

The application for permit suggests that this system is limited to 0.02 cfs, however, no on-site field exam was performed, so I feel we should follow the permit and Administrative Processing Memo #22.

Administrative Memo #22 = 0.04 cfs for domestic use**Permit allowed = 0.04 cfs****I am recommending 0.04 cfs since the permit limitation was based on Administrative Memorandum #22.**

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:

Administrative Processing Memorandum #22 provides guidance to allow 0.6 af for external use for yard irrigation.

G. PURPOSE OF USE

Irrigation Y N # Stock Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y N

Method of Determination: Taxlot data and conversations with owner.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. The tax parcels did not match the aerial imagery or the Public Land Survey (PLS). Therefore, I moved the place of use north a little bit to cover the entire home and match the permit place of use a little better.

The permit has a fish screen condition. The permit holder checked the box on the proof of beneficial use form that a fish screen was not required, and added a statement that the pump had a foot-valve intake. Not all foot-valves have screens, so I sent a letter on 2/24/2021, requesting confirmation that a screen has been installed. On March 5, 2021 the permit responded to my letter stating that the foot-valve was screened.

Conditions 239, 187, and 004 should be carried forward to licensing. Condition 029 is does not need to be carried forward to licensing because the owner confirmed a fish screen is in place.

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	0.6 AFA
<u>Totals:</u>		0.04 CFS	0.6 AFA

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 – WATER RIGHT ANALYST 3

Field Examiner's Name



Date

3-8-21

Reviewer

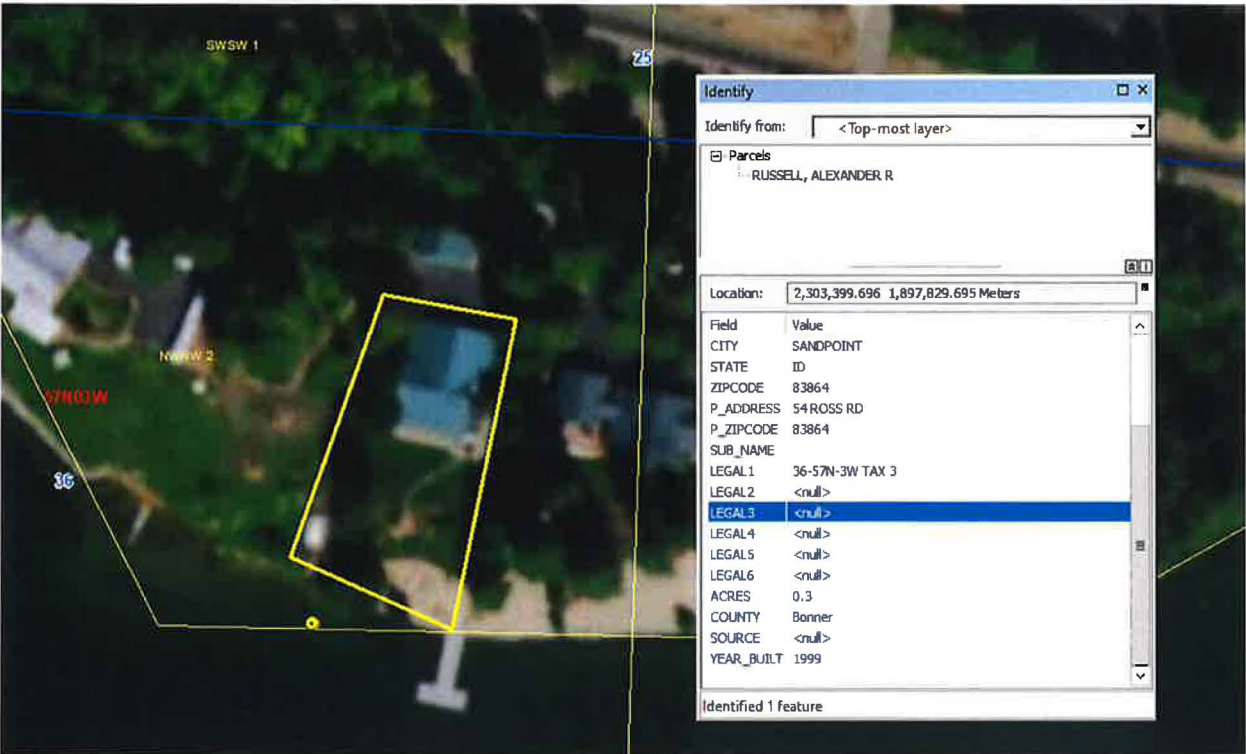


Date

3/9/2021

Field Exam Map:

The yellow border shows the place of use and the yellow point shows the point of diversion. Place of use is also known as Lot 9 Spruce Creek Cabin Area. The remaining green borders are for the other cabin parcels within the US Forest Service's Sawtooth National Forest.



Bonner County Tax Maps



MEMORANDUM FOR RECORD:

3/1/22

ON THIS DAY I THE UNDER SIGNED SPOKE TO/ WITH
DANIEL NELSON WATER RIGHT ANALYST 3 DEPT OF WATER
RESOURCES APPROPRIATION PERMIT 96-9790 THAT MY FOOT
VALVE HAS A SCREEN ON IT SO NO FISH PASSAGE OCCURS
PER THE IDAHO FISH AND GAME REQUIREMENT.



Alexander Russell
54 Ross Rd.
Sandpoint, ID 83864

A. ROSS RUSSELL
MAJOR USA RET

RECEIVED

MAR 05 2021

DEPARTMENT OF
WATER RESOURCES



State of Idaho

DEPARTMENT OF WATER RESOURCES

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BRAD LITTLE
Governor

GARY SPACKMAN
Director

2/24/2021

ALEXANDER R RUSSEL
54 ROSS RD
SANDPOINT ID 83864-6366

RE: Water Appropriation Permit 96-9790

Request for Information

Dear Permit Holder:

In 2020 IDWR issued permit 96-9760 authorizing the development of a right to divert 0.04 cfs of water from the Pend Oreille River for domestic use for a single home in Government Lot 2 (NW¼ NW¼) of Section 36, Township 57 North, Range 3 West. 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 whether or not a fish screen had been installed. Your permit had the following condition:

Prior to the diversion and use of water under this approval, the right holder shall comply with all fish screening and/or fish passage requirements of the Idaho Department of Fish and Game.

On your proof of beneficial use statement, you checked that a fish screen was not required and then wrote "Foot Valve Intake." Not all foot valves have screens, so we need to ensure that a screen is on your intake hose. You can respond by letter or email your response.

You can also 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 provide 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.

Please provide the requested information March 26, 2021. If I do not receive the requested information or I have not been contacted by you by March 26, 2021, 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 long horizontal flourish extending to the right.

Daniel A. Nelson
Water Right Analyst 3
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