

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

A. GENERAL INFORMATION

Permit No: 96-15921

Exam Date: 05/07/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- X Irrigation of 5 acres or less
 - N/A Storage of up to 14.6 AF for stockwater purposes only
 - N/A Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less.
 - N/A Other < >

2. Current Owner: JNV RUSSELL INVESTMENTS LLC

Owner of Record Correct? X Y N

Address of Record Correct? X Y N

If No Explain:

- Bonner County Tax Parcel information shows JNV RUSSELL INVESTMENTS LLC as the owner of the property RP57N03W256590A. James A Russell is the active Manager/Partner for the LLC, reference Idaho Secretary of State Annual Report attached to beneficial use report. I don't see any issues with the ownership of this permit or proposed license.

3. Beneficial Use Fees have been paid: X Y N Receipt No: N044523

- 4. SOURCE:** Pend Oreille River **TRIBUTARY:** Columbia River

Method of Determination: ArcMap GIS and Tax Parcel Data.

Change in Source: Y X N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: X No Overlap
2. Other water rights with the same point of diversion: X No Overlap

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Pend Oreille River - Pump			NW	NW	36	57N	03W	B.M.	BONNER

Method of Determination: GIS and Tax Parcel Data.

Change in POD? Y **X** N Amendment Required? Y **X** N

2. Place of 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	
57N	03W	36						0.4										0.4	
		Lot #						0.1 L2										0.1	
																Total Acres =		0.5	

Method of Determination: GIS and Tax Parcel Data.

Change in POU? X N Amendment Required? X N

3. Diversion System Information:

Description: Screened intake with 2 Hp electric water pump to pressurized sprinkler system.2

 Delivery System Diagram Attached. (mark all major components and distances between components) X Aerial Photo Attached (required) Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Pump	Unknown	2	Unknown	Unknown	Unknown, 2-inch intake pipe

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurement Comments: No measurement required for an in-office exam.

E. FLOW CALCULATIONS

Measurement = 0.5 ac x 0.02 cfs = 0.01 cfs based on department rounding standards.

Permit allowed = 0.02 cfs

Comments: The permit identified use of an electric 2 Hp pump on the Statement of Completion used with a pressurized sprinkler system, sprinkler heads and soaker hoses, for irrigation of the POU. Due to flow measurements not being required, I'm recommending a diversion rate based on Administrative Memo – Application Processing No. 17, which authorizes up to 0.03 cfs per acre for small acreage irrigation. Generally, a 2 Hp pump used to divert water from the river is slightly oversized regarding diversion capacity; this is required to achieve elevation lift while maintaining adequate head pressure to water using the sprinkler system established by the applicant. A 2 Hp electric irrigation pump is capable of producing **0.02 cfs** or 9.0 gpm, which I'm recommending for licensing purposes.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \text{ ac} \times 3.0 \text{ afa} = 1.5 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 8.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.5 \text{ af}$$

2. Volume Calculations for Other Uses: Surface water (river) source, no volume metrics shall be applied to face of license.

G. PURPOSE OF USEIrrigation Y N # Stock N/A Domestic # of Homes: N/A – beneficial use removed from permit.

Other: < N/A >

Change in Purpose of Use? X N

Method of Determination: Tax lot data, phone conversation with applicant's representative Mr. James Russell, and information assessed on the Statement of Completion form.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. There are no overlapping water right concerns toward licensing this permit. Review of aerial imagery from Bonner County GIS maps, Google Earth, and ArcMap software clearly illustrates the irrigated area. Irrigation is for lawn & minor landscape on the property. I spoke with James (Jim) Russell by phone on 5/7/2024; Mr. Russell asserts that the water system was not developed for domestic in-home use and only a small portion of the total parcel (2.6 acres) is actively irrigated. Mr. Russell asserted in conversation that only 1-3 sprinklers operate at a time plus soaker hoses as the pressurized irrigation system cycles through the zones each day for about an hour.

Mr. Russell asserts the home is served from a private well that the applicant elected not to file a Notice of Claim for groundwater use during the ongoing Clark Fork Pend Oreille River Basin Adjudication (CFPRBA) process. The in-home use is authorized as a deferrable domestic use which doesn't require a recorded water right based on current regulations.

In light of this information, I removed the domestic beneficial use component from the Permit during licensing review. Using ArcMap software, I traced out the irrigation POU which equals 0.5 acres. I have reduced the permit's approved 0.6 acres to reflect 0.5 acres for licensing purposes which authorizes 1.5 afa per season of use. The Permit authorized irrigation in Government Lot 2, NW¼NW¼; during licensing review I found a portion of the Permit POU exists in the non-governmental lot of same QQ – NW¼NW¼. I clarified the POU in AdHoc to reflect 0.4 acres in GL2 NW¼NW¼ and 0.1 acres in the non-GL portion of the NW¼NW¼. I don't recommend an amendment for this clarification of legal descriptions due to the government lot taking priority in the PLSS legal description over the department's QQ layer.

IDAPA 37.03.02 Beneficial Use Examination Rules designate irrigation using this surface water river source is exempt from volume reporting requirements. There is no maximum diversion volume or annual diversion volume recommended for licensing. Condition X31 provides annual volume limitations for the recommended irrigation beneficial use.

The permit holder asserts by description & declaration in step No. 6, attachment to Statement of Completion, on the Proof of Beneficial Use form that a fish is installed satisfying screening requirements.

I removed condition 029 from the permit during licensing review based on fish screen compliance. I removed condition 132 based on domestic use not being developed. I revised condition X31 to reflect post in-office exam volumetric data equaling 1.5 afa. All other conditions shall be carried to license approval.

Have conditions of permit approval been met? ☒ Yes ☐ No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>
IRRIGATION	04/01 to 10/31	0.02 CFS

Totals: 0.02 CFS

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: < N/A >

J. AUTHENTICATION Luke Bates – Sr Water Resource Agent

Field Examiner's  Date 5/7/2024

Reviewer  Date 5/13/2024

Field Exam Map(s): Part of Whole parcel: 90 Ross Rd, Sandpoint ID 83864.

7/2023 Google Earth imagery of property



Imagery retrieved from Google Earth on 5/7/2024

Bonner County Tax Parcel map retrieved from www.bonnercountytid.gov on 5/7/2024



Part of Whole: Tax Parcel No. RP57N03W256590A



0005262066



STATE OF IDAHO
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ANNUAL REPORT
Idaho Secretary of State
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-FILED-

File #: 0005262066

Date Filed: 6/3/2023 4:57:08 AM

Entity Name and Mailing Address:

Entity Name: JNV RUSSELL INVESTMENTS LLC
The file number of this entity on the records of the Idaho Secretary of State is: 0000198331
Address: 5914 HOLLAND RD
ROCKVILLE, MD 20851-1922

Entity Details:

Entity Status: Active-Existing
This entity is organized under the laws of: IDAHO
If applicable, the old file number of this entity on the records of the Idaho Secretary of State was: W62393

The registered agent on record is:

Registered Agent: VIVIAN A HOOPER
Registered Agent
Physical Address
95 BAY DR
SAGLE, ID 83860
Mailing Address

Limited Liability Company Managers and Members

Name	Title	Business Address
James A Russell	Manager	20929 HOLLYBERRY CT ASHBURN, VA 20147-4443
Julia V Russell	Member	5914 HOLLAND ROAD ROCKVILLE, MD 20851

The annual report must be signed by an authorized signer of the entity.

Job Title: Partner

James A Russell06/03/2023

Sign Here

Date

DU000-1431 00/03/2023 4:57 AM RECEIVED BY OFFICE OF THE IDAHO SECRETARY OF STATE