

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

A. GENERAL INFORMATION

Permit No: 96-9745

Exam Date: 06/14/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- a. N/A Irrigation of 5 acres or less
- b. N/A Storage of up to 14.6 AF for stockwater purposes only
- c. X Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less.
- d. N/A Other < >
2. Current Owner: DAVID LAWSON AND/OR HEATHER LAWSON
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No Explain:
- Bonner County Tax Parcel information shows Lawson Trust as owner 1 and David A Lawson & Heather Lawson Trustees as owner 2 of tax parcel RP02453000006BA. 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: C118302.
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: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-8823	Groundwater	Domestic, Irrigation	License, Notice of Claim filed in CFPRBA under Claim No. 96-13651

Comments: Licensed Right 96-8823 has been filed in the Clark Fork Pend Oreille River Basin Adjudication (CFPRBA) and currently authorizes domestic & irrigation beneficial uses with a POU which overlaps this Permit's Domestic POU. Sunset Bay Owners Assn is the current owner of 96-8823 who serves domestic & irrigation water to the Sunset Bay Estates Subdivision. The Permit Holders asserted by declaration on the Statement of Completion form that "other source is for home use" indicating that the groundwater community system serves in-home water use, but that the Permit Holders have elected to pump water from the river vice pay for irrigation water from the community system.

Following overlap evaluation, the domestic, external use only, river water system developed by the Permit Holders is coded as a separate water use than the irrigation beneficial use associated with 96-8823 resulting in no concern for overlap between components & WRs. Additionally, the domestic use covered by 96-8823 is for in-home use only considering the irrigation component of the License and from a different water source than this Permit. As a result, I don't find any direct overlap between the two domestic uses based on the fact that this Permit authorizes external use only for domestic water use from the river. I don't recommend inclusion of condition X35 toward licensing this Permit.

2. Other water rights with the same point of diversion: 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	L9		SE	SE	31	57N	02W	B.M.	BONNER

Method of Determination: ArcMap aerial imagery.

Change in POD? ☐ Y ☒ N Amendment Required? ☐ Y ☒ N

Place of Use: DOMESTIC (external use only)

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	02W	31																X	
		Lot#																L9	

Method of Determination: GIS and Tax Parcel Data.

Change in POU? ☒ N Amendment Required? ☒ N

3. Diversion System Information:

Description: existing lake water diversion system pumping to residence for domestic water use.

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

3. Diversion Id No.*	Motor Make	HP	Motor Model No.	Pump Make	Pump Serial No. or Discharge Size
Screened River Pump	Unknown	Unknown	Unknown	Unknown	Unknown

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

Domestic:

- Measurement = 1 home authorized a diversion rate of 0.04 cfs based on Administrator's Memorandum, Application Processing No. 22: Definition of "Domestic".
- Permit allowed = **0.04 cfs**

Comments:

There was no water system or pump information detailed on the Statement of Completion form. A photograph of a small centrifugal pump in a wooden pump house cover is installed for use but lacks details to derive a pump hp. Due to lack of diverting work information, I'm recommending the diversion rate & maximum diversion rate for licensing based on Department standards detailed in Administrator's Memo – Application Processing No.22 to assign the 0.04 cfs for licensing purposes.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

2. Volume Calculations for Other Uses: Maximum Diversion Volume equals **0.6 af** for Domestic external use only up to ½ acre irrigation (as covered under domestic use).

G. PURPOSE OF USEIrrigation N/A N # Stock N/A Domestic # of Homes: EXTERNAL DOMESTIC WATER USE ONLYOther: < N/A > Change in Purpose of Use? X N

Method of Determination: Bonner County tax lot data and information assessed on the Statement of Completion form.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. Overlapping water right concerns have been evaluated there are no concerns toward licensing this Permit. I used ArcMap to assign the Pend Oreille River POD using the Permit centroid located along the shore of the applicant's property. The Permit Holders divert from a backwater channel served by intermittent stream flows but only divert when the Albeni Falls Dam is holding water resulting in the filling of the channel with Pend Oreille River water. The Permit Holders provided details on their Statement of Completion form that water is used seasonally from May – September. I've recommended licensing based on the Permit approved season of use, which coincides with the Department standard irrigation season of use for this region of the State, or April 1 to October 31 as water is available.

The Permit authorized development of domestic water use for external use for 1 home. In this case, the Permit Holders use river water to irrigate "lawn, trees, plants" as document on the Statement of Completion form. I've assigned the domestic POU within the parcel but excluding the residence and non-irrigated areas which equated to 0.23 acres according to ESRI ArcMap software calculations. The diversion rate of **0.04 cfs** is recommended for licensing as I have not information to detract from assigning the Department standard rate for domestic use 1 home with ½ ac irrigation.

I used aerial imagery, Google Earth software, and Bonner County GIS tax parcel maps as I designated the domestic POU using ArcMap software. I've assigned a maximum diversion volume of **0.6 af** for domestic, external use only, of up to ½ acre irrigation toward licensing this Permit.

The permit holder asserts by declaration in step No. 6 on the Statement of Completion form that a fish is installed and have provided supporting photographs with submission of their Statement of Completion form that satisfies screening requirements related to condition 029. I removed condition 029 during licensing review. The domestic use occurs within a named subdivision lot, and I've added condition X60 during licensing review to describe the subdivision lot. All other conditions shall be carried to license approval.

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>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	04/01 to 10/31	0.04 CFS	0.6 AF

Totals: 0.04 CFS 0.6 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

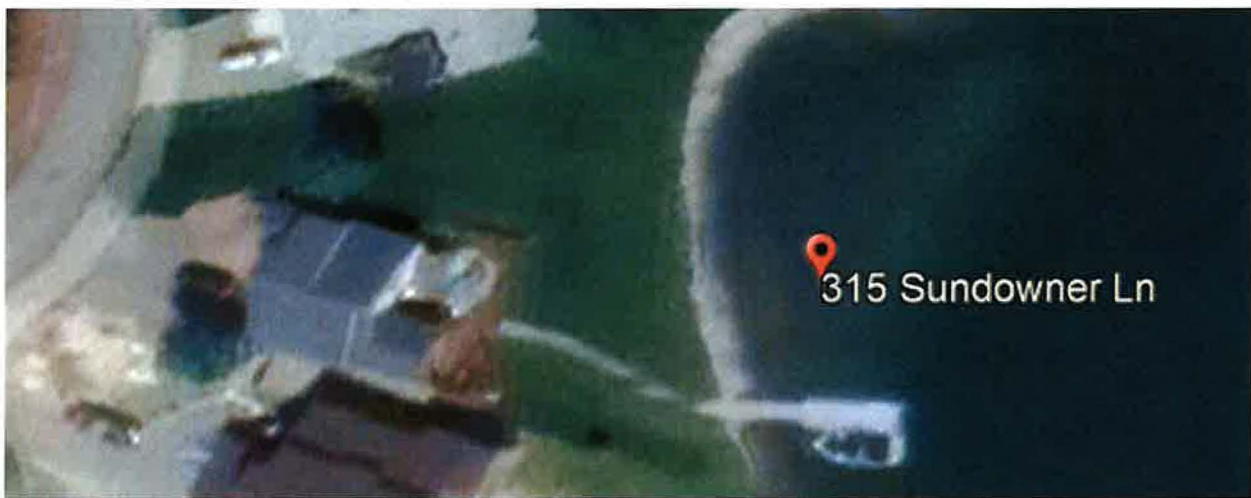
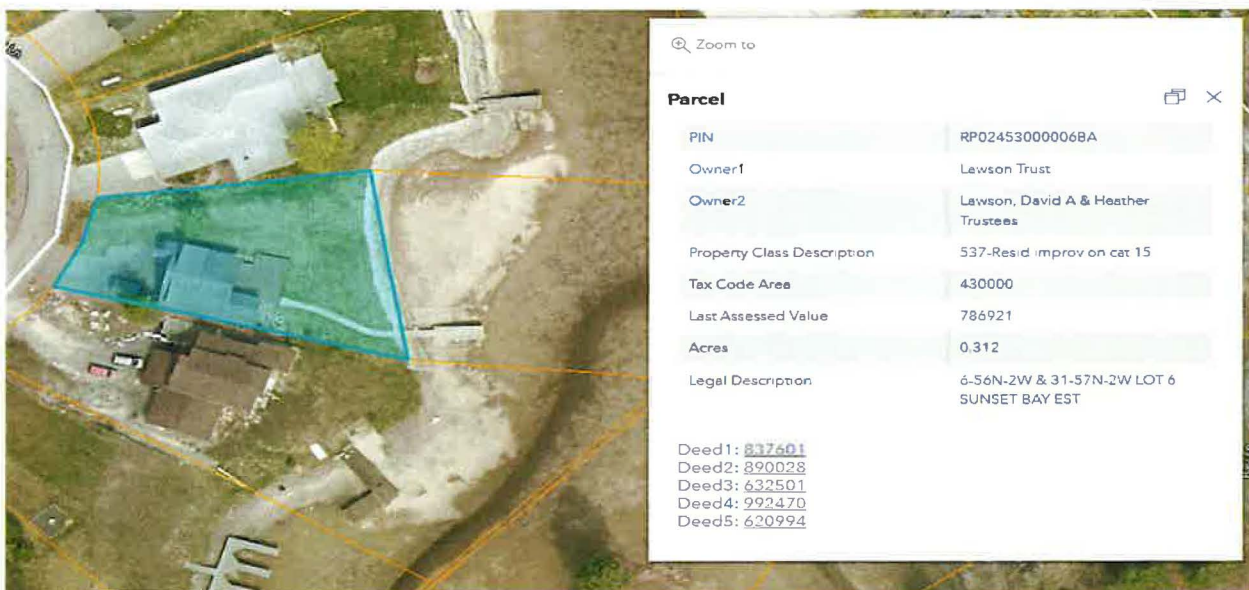
Other: < N/A >

J. AUTHENTICATION Luke Bates – Sr Water Resource AgentField Examiner's  Date 6/14/2024

Reviewer _____ Date _____

Field Exam Map(s): 315 Sundowner Lane, Sagle ID 83860. Lot 6, Sunset Bay Estates Subdivision.

7/2022 Google Earth imagery of property retrieved on 6/14/2024

Bonner County Tax Parcel map retrieved from www.bonnercountyid.gov on 6/14/2024

Tax Parcel No. RP02453000006BA