

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

A. GENERAL INFORMATION

Permit No: 95- 11100

Exam Date: 11/14/19

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

2. Current Owner: Name: Alfred Robello, Aaron Robello and Angie Robello
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

The Department's tax parcel data shows the property is in the ownership of the Debra S. Robello Estate. Debra Robello was the original owner of the permit and assigned the permit to Alfred Robello, Aaron Robello, and Angie Crocket (Robello). The current Kootenai tax records show the owner as Aaron Robello. I don't foresee any issues with the ownership of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C107926

4. SOURCE**TRIBUTARY**

Twin Lakes

Rathdrum Creek

Method of Determination: GIS and Tax Parcel Data

Change 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
95-9221	Ground Water	Municipal	License
95-2206	Springs	Domestic	License

Comments: Water rights 95-9221 and 95-2206 are overlapping domestic/municipal rights. Neither right gives a proper descriptions of the homes they serve, but they are used in the 40 acre tracts where this permit is located. Both rights appear to only supply in-house use, and they are each licensed for a diversion rate of 0.06 cfs for a total of 0.12 cfs. Both applications for these permits only describe in-house type domestic uses, and do not appear to cover any irrigation. This home may or may not be served by these two rights. Even if they are served by these two rights, there doesn't appear to be adequate water to supply all of the homes within their service area. The application for this permit doesn't describe these two rights as overlapping rights, so I am assuming they don't have access to this system. There are 22 other rights in this Government Lot that are for other homes, which also suggest that the domestic/municipal rights are not used on this property.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no other rights that are diverted from the lake pump described in this permit.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
River Diversion	4		SW	SW	36	53N	5W	B.M.	KOOTENAI
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Lot data.

PLEASE NOTE: The permit describes the point of diversion in Government Lot 4 (NWSW) instead of the actual location in Government Lot 4 (SWSW). The permit had the incorrect 40 acre tract designation, but it isn't an issue because the true legal description is Government Lot 4, which was included on the permit.

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	
53N	5W	36										D	D						
		Lot #										4	4						
Total Acres =																			

Method of Determination: GIS and Tax Lot Data

PLEASE NOTE: The permit describes the place of use in Government Lot 4 (NWSW) instead of the actual location in Government Lot 4 (NWSW) and Government Lot 4 (SWSW). The permit had the incorrect 40 acre tract designation, but it isn't an issue because the true legal description is Government Lot 4, which was included on the permit.

Change 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
Lake Pump	Unknown				

*Code to correspond with No. on map and aerial photo

Please Note: From the photos submitted with the proof of beneficial use form, this looks to be a small electric 1Hp to 2 Hp that can provide enough water for a couple of lawn sprinklers. Probably not much more than 6 to 12 gpm.

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.

E. FLOW CALCULATIONS

Attached

YES Additional Computation Sheets

Measured Method:

Other than the photos sent with the proof of beneficial use form, there is not enough information in the file to limit the diversion rate to a specific diversion rate. Therefore, I am required to fall back on the standard for domestic use set forth by 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:

Other than the photos sent with the proof of beneficial use form, there is not enough information in the file to limit the diversion volume. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22. I am recommending a diversion volume of 1.2 af for in-house use and up to ½ acres of irrigation.

G. PURPOSE OF USEIrrigation 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. Other than the overlapping municipal/domestic rights discussed above, there really no other issues associated with this permit. There is no need for combined limitations for this permit, since the overlapping water rights are a municipal right, and may or may not service this home. Even if the municipal rights service this home, the low diversion rates for the municipal rights suggest that there isn't adequate water to supply the domestic use for all of the homes within their borders.

The permit required a fish screen, and the permit holder stated on the proof of beneficial use form that they had installed the fish screen.

Conditions R05, X01, 187, X15, and 004 will be carried forward to licensing. Condition 1 (X15) will be modified to state that the fish screen shall be maintained.

Condition X60 added to designate the specific place of use

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

I. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
Domestic	01/01 to 12/31	0.04 CFS	1.2 AFA
Totals:		0.04 CFS	1.2 AFA

Please Note: ~~This is a surface water right, so no volume will be included on the water right license.~~

The use is not exempt

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: < >

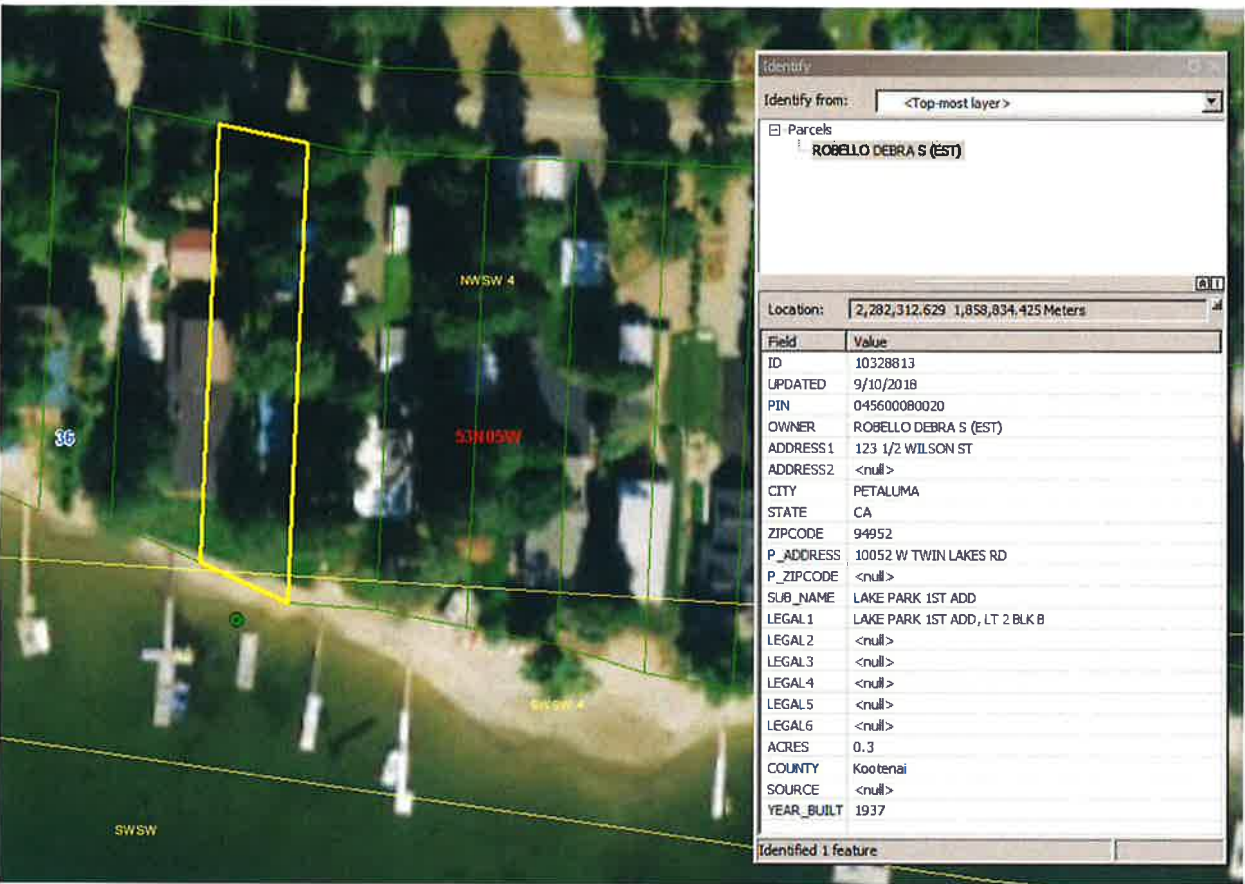
J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 11-22-19

Reviewer  Date 1/3/2020

Field Exam Map:

The yellow border shows the parcel for this permit and the yellow dot shows the point of diversion. The Tax Parcel information shows the home was constructed in 1937.



The image below is of the Kootenai County tax records that show the current owner is Aaron Robello

