

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

A. GENERAL INFORMATIONPermit No: 97-7558Exam Date: 4/13/2020

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: Robinson Family Trust
 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 for the place of use is in the ownership of the Robinson Trust, Terence D, and Susan Robinson Trustees. The tax parcel shows the property for the point of diversion is in the name of the Larsen Trust, Daniel and Leeann Larsen Trustees. This matches the application for permit that states that there is a shared well agreement for the Robinsons to use the Larsens' well for their property.

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

4. SOURCE TRIBUTARY

Ground Water

Method of Determination: GIS, Well Driller's Report, 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. The only other right that appears to be in this 40 acre tract is the neighbor's domestic water right 97-7557 from the same well.

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

Water Right No.	Source	Purpose of Use	Basis
97-7557	Ground Water	Domestic	License

Comments: Water right 97-7557 uses the same well. There is a shared well agreement in the file showing that the neighbors share a common well, but have separate water rights one for each property.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Well	3		NW	SE	34	60N	4W	B.M.	BONNER
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Lot 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	
60N	4W	34														D			
		Lot #														3			
Total Acres =																			

Method of Determination: GIS and Tax Lot 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
Well Pump	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.

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit or in the water right file for 97-7557 that tells what the size of the well pump is for this permit. However, Administrative Processing Memo #22 allows for a standard rate for one house.

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. There will not be any combined limitations with water right 97-7557, since there is no information in either file that suggests the capacity of the pump should limit the rate.

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 Memo #22 sets forth a standard volume for domestic use associated with one house. I am recommending a diversion volume of 1.2 af for in-house use and up to ½ acres of irrigation. There will be no combined limits with 97-7557, since it is likely the capacity of the pumping system is able to supply the standard volume of both rights.

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 well supplying this permit shares a well with water right 97-7557. The permit holder supplied a well sharing agreement with the owner of 97-7557, so there shouldn't be any issues. The application for permit provides maps from the county showing the home was built on this property in 2017.

Conditions X01, 187, and 004 should be carried forward to licensing. The remaining conditions should be removed.

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	1.2 AFA
<u>Totals:</u>		0.04 CFS	1.2 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 _____

Reviewer Angela M. Gunn Date 4/28/2020

Field Exam Map:

The yellow border shows the parcel for this permit and the orange dot shows the shared well with water right 95-7557. The red hatched border shows the place of use for water right 95-7557. The Tax Parcel information shows the home was constructed in 2017 for the property (yellow border) associated with this permit.

