

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

A. GENERAL INFORMATIONPermit No: 97-7552

Exam Date: 10-31/2019

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: John G. Andrews and Mary C. Andrews
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

Tax parcel data shows Andrews Trust, John & Mary Andres as the owners of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C107884

4. **SOURCE**
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
NONE			

Comments: There are no overlapping water rights in this 40 acre tract.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: There are no overlapping water rights in this 40 acre tract.**C. DIVERSION AND DELIVERY SYSTEM**

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Well	1		SE	SE	34	56N	4W	B.M.	Bonner
								B.M.	
								B.M.	

Method of Determination: GIS and Taxlot data.Change in POD? X Y N Amendment Required? X Y 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	
56N	4W	34																	D
		Lot #																	1
Total Acres =																			

Method of Determination: GIS AND TAX PARCEL INFORMATIONChange 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
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, but a theoretical calculation was used to determine if the diversion rate is reasonable.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

The pump size was unknown, so I used Administrative Processing Memorandum #22 as a standard for a domestic use.

Administrative Memorandum #22 = 0.04 cfs**Permit Authorized = 0.04 cfs****I am recommending a diversion rate of 0.04 cfs as authorized by the permit and 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:

This is a domestic use. According to processing memo #22, and Domestic use for in-house and yard irrigation can have up to 1.2 acre feet of annual water use. I am recommending 1.2 af for this permit.

G. PURPOSE OF USEIrrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ NMethod of Determination: GIS and Tax Parcel Information

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This permit is qualifies for an in-house exam. The permit holder supplied a well driller's report that shows a well was constructed. 2013 aerial photography and 2018 Google Earth map does confirm that there are structures that looks like a trailer and a garage on the property. Tax Parcel data suggests that a home hasn't been constructed on the property, but the application for permit states that the well currently servers a trailer and a permanent home will be constructed in the future. Department policy has been to allow a domestic right to be issued if there is a residential type structure on the property. The 2013 aerial imagery also suggests that there is some yard areas.

I am going to carry conditions X60, X01, and 187 to the license, and I am going to add condition X59 to the license. All other conditions will be removed at licensing.

Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

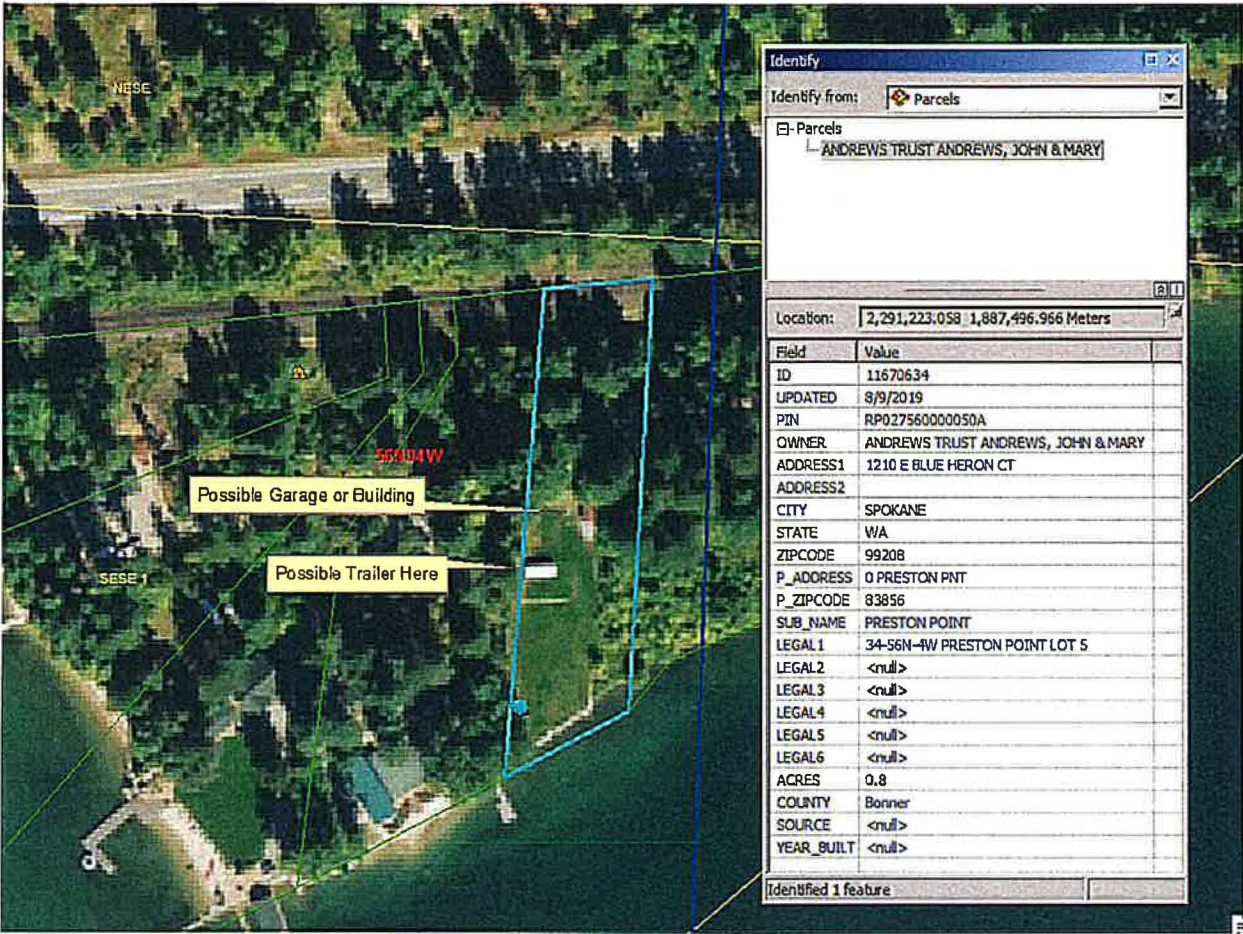
BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
Domestic	01/01 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.04 CFS	1.2 AF

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 – Analysts 3Field Examiner's Name Daniel A. Nelson Date 10-31-19Reviewer P. Thomas Date 11/6/19

Permit 97-7552 Field Exam Map



Permit 97-7552 – Google Map Showing Trailer

