

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

**A. GENERAL INFORMATION**Permit No: 95-17934Exam Date: 4/30/2020

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: Mary Marshall Trust
- Owner of Record Correct?    X    Y    N
- Address of Record Correct?    X    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 Mary Marshall Trust.

3. Beneficial Use Fees have been paid:    X    Y    N Receipt No: Permit qualifies for fee exemption

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
95-9943	Sage Creek	Domestic	Decreed

Comments: Water right 95-9943 is the only direct overlapping water right for this parcel. 95-9943 is for the same domestic use, but it is from Sage Creek, and this permit is from ground water. There are 6 water rights and adjudication claims in this 40 acre tract, but none of those rights are for this particular property.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: Water right 95-9946 has a point of diversion on this property, but there are no other rights from this well. There are a number of rights in this 40 acre tract, but none of them are diverted on the property associated with this permit.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Well			NE	NE	36	53N	3W	B.M.	KOOTENAI

Method of Determination: GIS, Well Driller's Report, and Tax Parcel 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	
53N	3W	36	D																
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Parcel 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. 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. A combined condition is needed for this permit and water right 95-9943, since both water rights are for the same property and the same home.

**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:

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. There will be a combined limit with 95-9943, since both water rights service the same home and property.

## 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 only issue with this permit is that water right 95-9943 services the same domestic use. The water rights are from separate sources, so there isn't a specific system capacity. However, a condition is needed to prevent any future attempts to add additional homes to these two water rights, since that would be an enlargement of the water rights.

Conditions X01, 187, and X35 should be carried forward to licensing. The remaining conditions should be removed. The X35 condition should be altered to state the following:

When rights 95-9943 and 95-17934 are combined, the domestic use is limited to a single home.

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
<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. Gorman Date 5/19/2020

Field Exam Map:

The yellow border shows the parcel for this permit and the yellow dot shows the point of diversion or well.

