

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

A. GENERAL INFORMATIONPermit No: 95-17166

Exam Date: 6/29/2021

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: Jerry and Renate John
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

The Department's parcel data shows the owner's as Oma and Opa John Family Trust. It appears as though Jerry and Renate John are part of this trust. I don't see any issues with the ownership of this permit.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C110530
4. **SOURCE** **TRIBUTARY**
 French Gulch Creek Sinks
 Method of Determination: GIS, Application for permit, 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
95-12953	Ground Water	Domestic, Stockwater, and Fire Protection	License

Comments: Water right 95-12953 provides the culinary water for this property, and it can provide up to ½ acres of irrigation per home. This permit is used for the irrigation and stockwater use when water is available. It appears as though this stream is an ephemeral stream, so I don't believe it does flow year round. Since the irrigation use is limited to a ½ acre, the domestic use can supply water for irrigation if the water in the stream is unavailable.

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 using this water source 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
Creek Diversion			NE	NE	18	50N	3W	B.M.	Kootenai
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel DataChange in POD? X N Amendment Required? X N**2. PLACE OF USE:** Use: Irrigation and Stockwater use

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	3W	18	0.5																0.5
			S																
Total Acres =																			0.5

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
Creek 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 irrigation use set forth by Administrative Processing Memo #17 and Administrative Processing Memo #3 for the stockwater use.

Administrative Memo #17 = 0.03 cfs/ac X 0.5 acres = 0.015 cfs rounded to 0.02 cfs

Administrative Memo #3 = 0.02 cfs for 0-10 head of range cattle/horses

Permit allowed = 0.02 cfs for irrigation and 0.02 cfs for stockwater for a total of 0.04 cfs

I am recommending 0.04 cfs since the permit limitation was based on Administrative Memorandums #17 and #3.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \text{ acres} \times 3 \text{ af/ac} = 1.5 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 9.8 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.5 \text{ af}$$

2. Volume Calculations for Other Uses:

Administrative Processing Memorandum #3 provides guidance to allow 0.2 af for 0-10 head of range cattle/horses. Horses and range cattle have the same water requirements. The application for permit states that they will have 1 horse and 10 chickens. This should provide ample water for their needs.

G. PURPOSE OF USE

Irrigation ☒ Y ___ N # Stock 1 horse - 10 chickens Domestic # of Homes ___

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. This permit was filed to allow the permit holders to pull water from an ephemeral stream to irrigate approximately 1/2 acre of ground and supply water to 1 horse and 10 chickens. Water right 95-12953 provides the culinary water from ground water by Springview Water Association. The culinary water can be used to irrigate the 1/2 acre of ground and provide stockwater to the animals. This permit was filed to allow the permit holder to provide a cheaper alternative for the irrigation use and stockwater while there is water in the creek.

A fish screen was required on this permit, and the permit holder confirmed that a fish screen was installed on the proof of beneficial use form. Whereas this water use is on an ephemeral stream that sinks, I am a bit surprised that this condition was placed on the permit. However, it will be carried forward to licensing as is standard.

Conditions X15, 004, and R66 will be carried forward to licensing. The remaining conditions will 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>
Irrigation	03/15 to 11/15	0.02 CFS	1.5 AFA
Stockwater	01/01 to 12/31	0.02 CFS	0.2 AFA
<u>Totals:</u>		0.04 CFS	1.7 AFA

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: < >

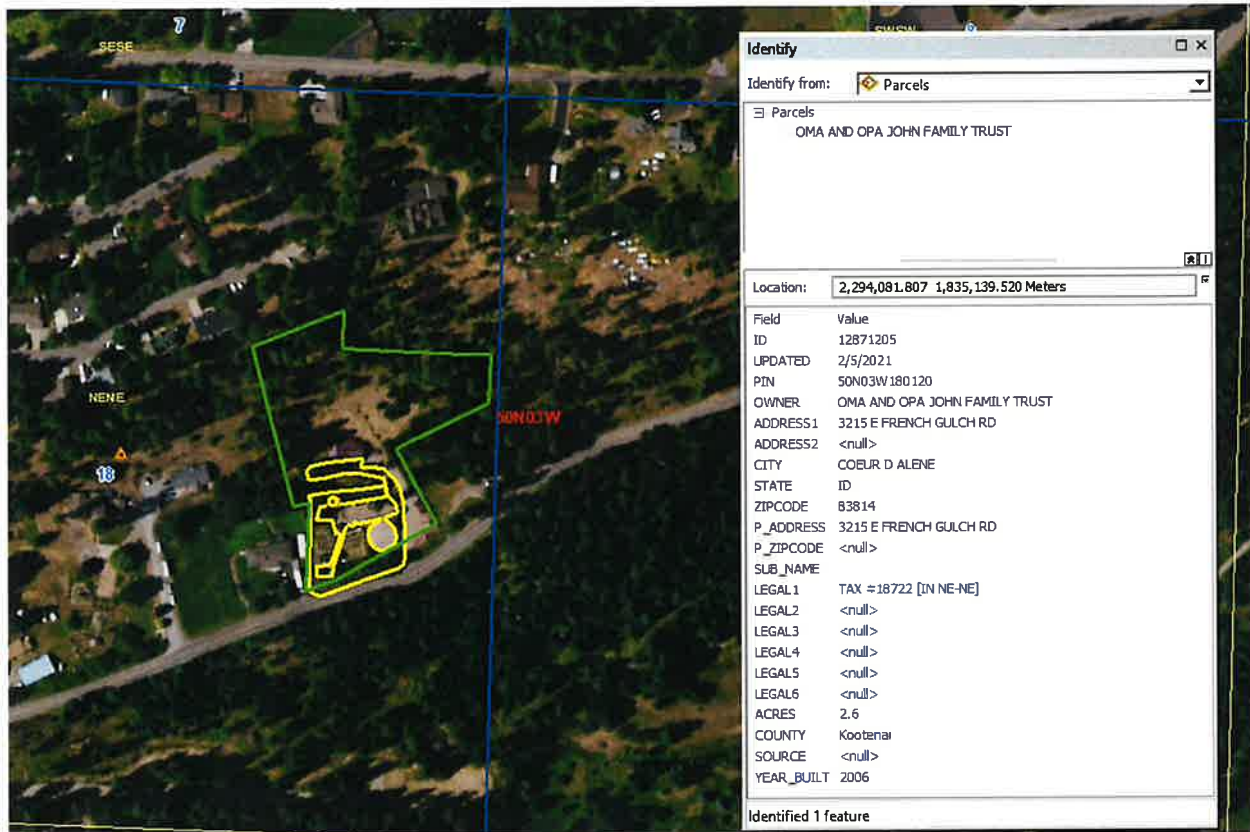
J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 6-29-21

Reviewer  Date 7/2/21

Field Exam Map:

The yellow border shows the irrigation place of use and the yellow point shows the point of diversion. The green borders show the tax parcels for this property and place of use for the stockwater use.



KootenaiCounty Tax Maps

