

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

A. GENERAL INFORMATIONPermit No: 86-12019

Exam Date: 1-14-19

1. Does this qualify for an in-office field exam (IDAPA 035.02.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: Paul Chilton and Virginia Chilton
 Owner of Record Correct? x Y N
 Address of Record Correct? x Y N
 If No:

3. Fees have been paid: x Y N Receipt No:

4. **SOURCE** **TRIBUTARY**
 Spring Sinks
 Method of Determination: Permit, Proof and ArcMap
 Change in Source: Y x N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NA

Water Right No.	Source	Purpose of Use	Basis

Comments:

2. Other water rights with the same point of diversion: NA

Water Right No.	Source	Purpose of Use	Basis

Comments:

C. DIVERSION AND DELIVERY SYSTEM

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

Source	Govt. Lot	¼	¼	¼	Sec	Twp.	Rge.		County
Spring		SE	NE	SW	4	38N	01W	B.M.	LATAH
								B.M.	
								B.M.	

Method of Determination: PERMIT FILE AND COUNTY RECORDS

Change in POD? X Y 1 N Amendment Required? X Y 1 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	
38N	01W	4									X	X							
Total Acres =																			0

Method of Determination: PERMIT FILE & ARCMAP

Change in POU? Y X N Amendment Required? Y X N3. Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable. 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

*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

2. Measurements: < >**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

License recommend for 0.04 CFS**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses: DOMESTIC 2 homes and ½ acre of irrigation= 1.8 af **PER AP Memo #22****G. PURPOSE OF USE**Irrigation Y N # Stock Domestic # of Homes 2

Other: < >

Change in Purpose of Use? ___Y___X___N

Method of Determination: PERMIT FILE

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

H. NARRATIVE/REMARKS/COMMENTS

DOMESTIC USE: Assessor information per: ArcMap photo (2017), Latah County confirmed dwellings on site. One parcel, RP38N01W044907. This permit is for two homes and ½ acre of irrigation. Application states a collection box from a spring with 1 ¼ pipe to homes. No measurement device or fish screen required.

There is a question of the location of the POD. I sent Mr. Chilton a map and asked him to mark the POD. I spoke with Mr. Chilton on the phone and he said the POD is further south than the point on the map, closer to the fence line. Mr. Chilton will mail in the map with the actual POD location marked. Map from Mr. Chilton is attached.

Attached is a map with the 40 acre tract of the NESW from Latah County outlined in white. According to our GIS Dept. expert, Wilma Robertson, the taxlot information from the county is more current than our information. In ArcMap, the dot for the POD will be located in the NESESW but the legal description will be SENESW. The location on the permit for the POD is SWNESW so an amendment is needed.

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	1.8 AF
<u>Totals:</u>		0.04 CFS	1.8 AF

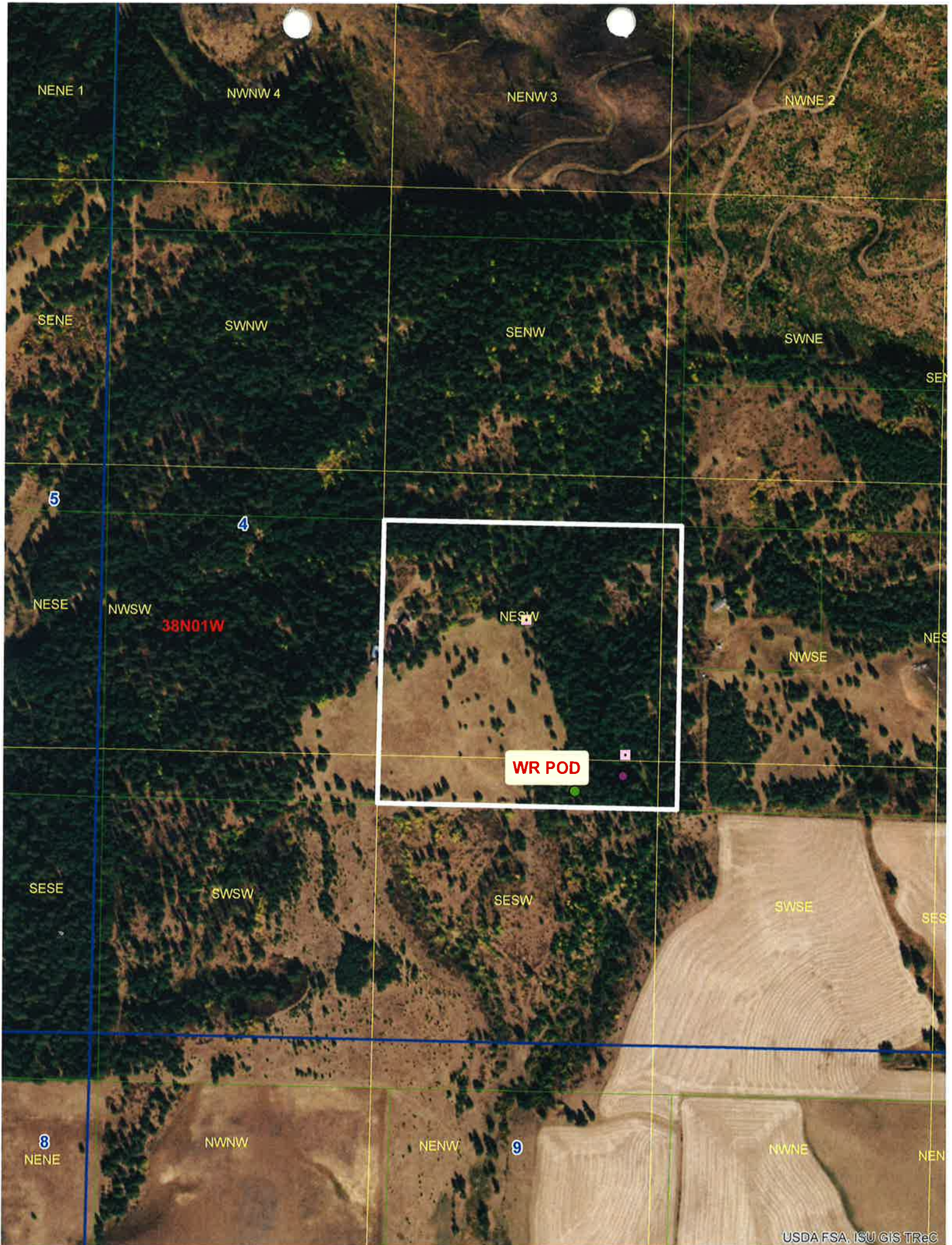
2. Recommended Amendments

___x___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 ___X___None

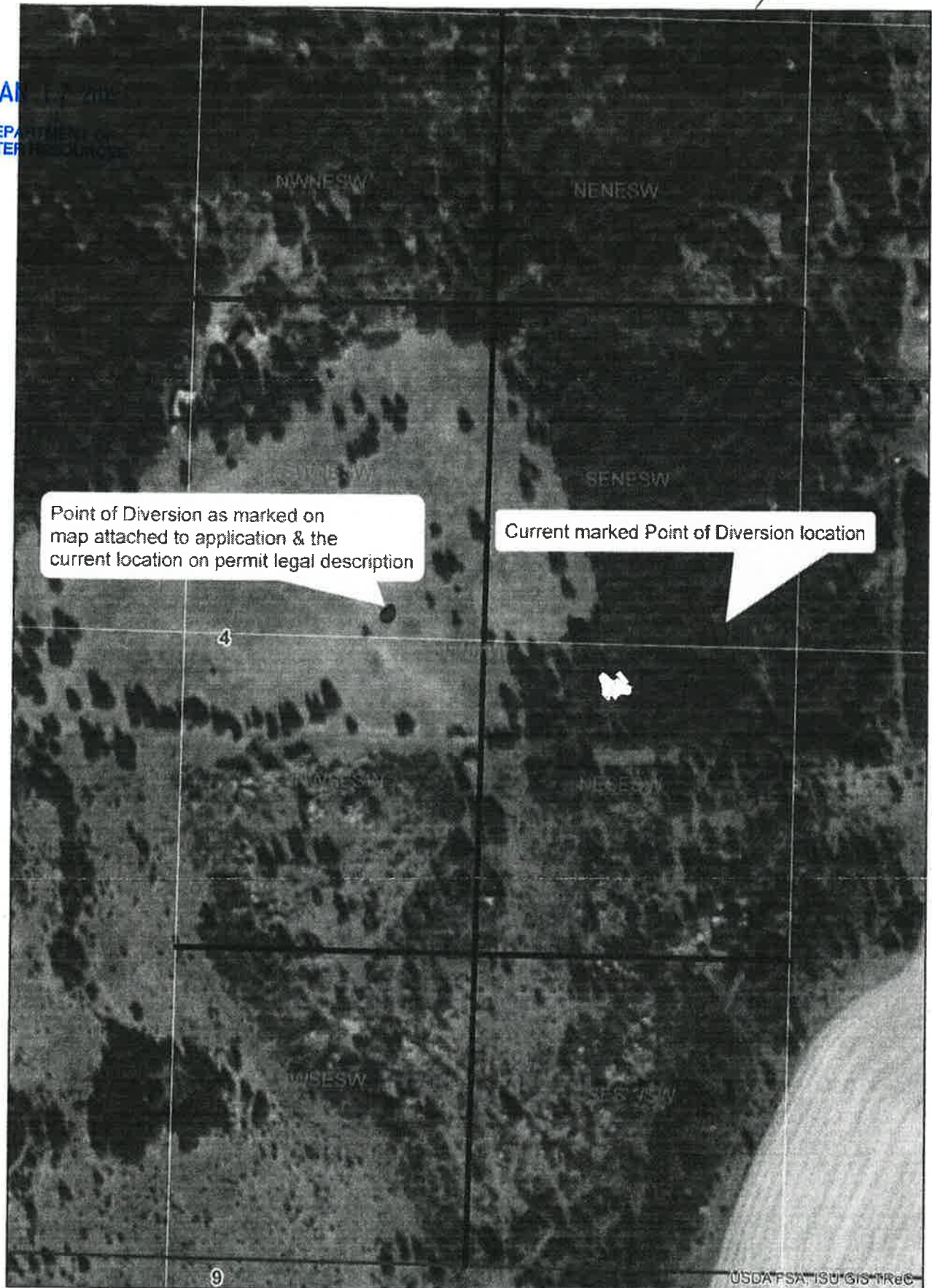
Other: NONE

J. AUTHENTICATIONField Examiner's Name Jan Hursley Date 2-4-19Reviewer Angela M. Gunn Date 2/24/19



PAUL & VIRGINIA CHILTON
1199 LARCH PLACE KENDRICK, IDAHO

JAN 17 2011
DEPARTMENT OF
WATER RESOURCES

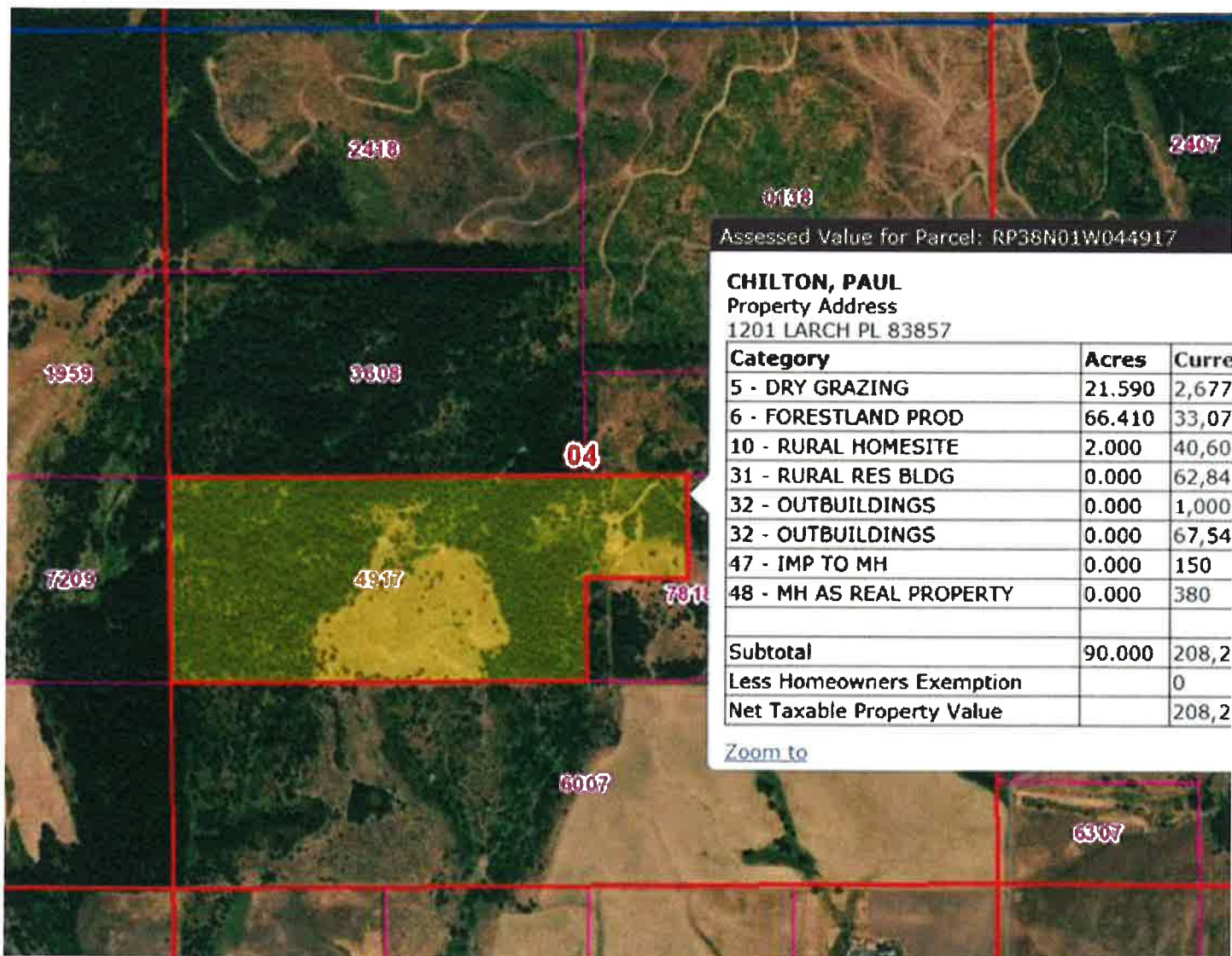


Hersley, Jean

From: Robertson, Wilma
Sent: Tuesday, January 22, 2019 8:07 AM
To: Hersley, Jean
Subject: Paul Chilton

Hi Jean,

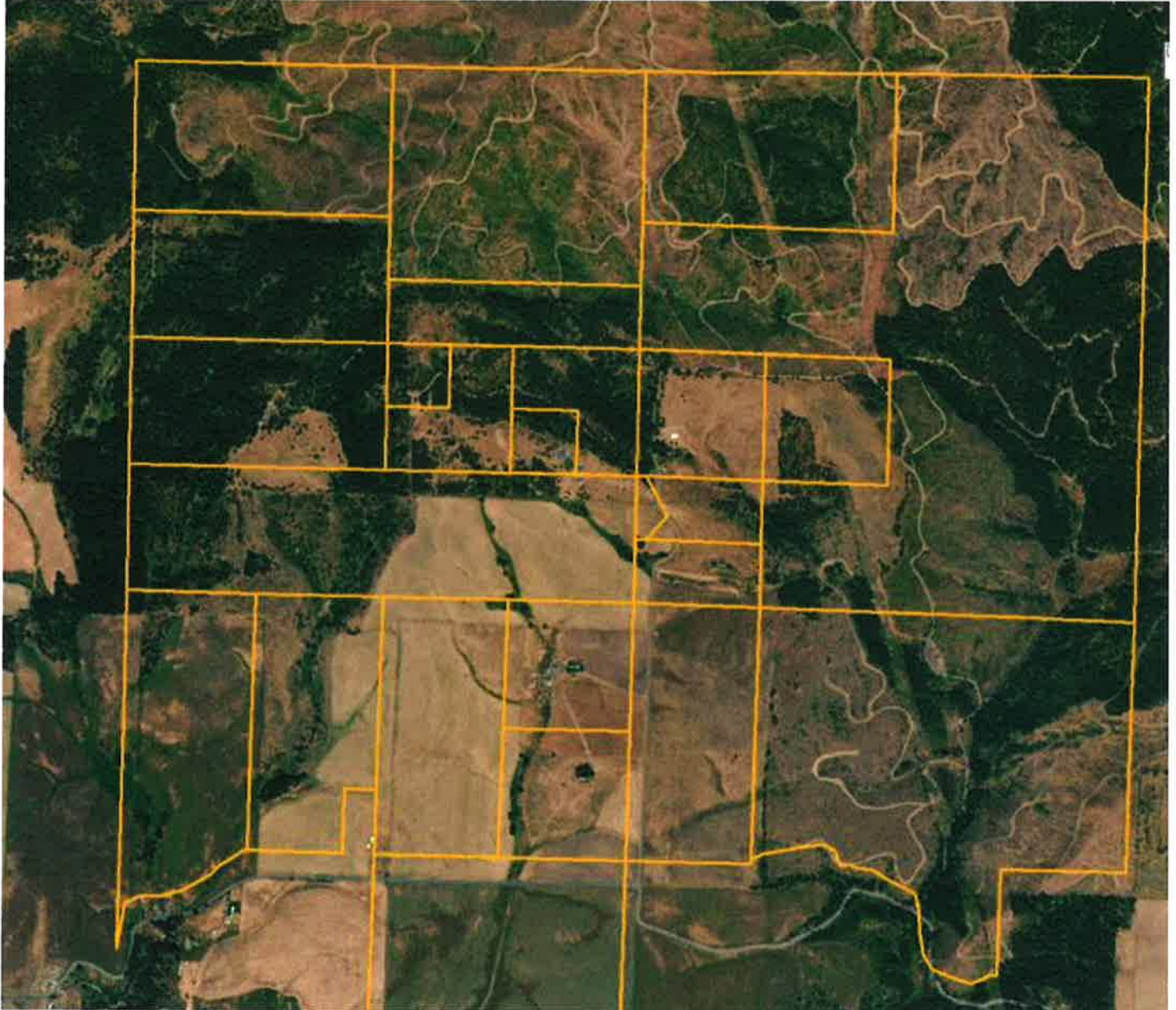
I looked up your parcel on Latah's [online parcel map](#) since our data is almost 4 years old (we are having some serious issues getting data from Latah County).



Note that both the parcel number and the shape of the parcel have changed (see the addition on the east side of the parcel in the figure above). I georeferenced a snapshot of the Latah County website onto our parcel map and confirmed that the north, west and south side of the parcel have not changed or moved relative to the aerial photo.

So far, this does not address your question about which PLSS is correct. I looked at a whole bunch of legal descriptions for your and surrounding parcels, and all of them are described in terms of QQs. In other words, the parcel boundaries follow the PLSS lines used in Latah County. I checked the BLM plats, and they show that the most recent survey was in 1881.

If you image what the parcels would look like if they followed our PLSS (just for *fun* I did just that – I picked up a bunch of parcels and moved them to fit our PLSS):



Needless to say that looks awful. Typically I am hesitant to judge the correct PLS based on 1 parcel and how that parcel relates to the imagery. But looking at the 15-20 parcels in the image above, I think we can be quite confident that the PLSS layer used by Latah County is correct (or at least much better) than our PLSS and we can assume that the parcel lines (the real ones, not the orange moved ones in the image above) follow the PLSS lines.

Hope this helps – and let me know if you need more clarification, or have any other questions,
Wilma

Wilma Robertson | GIS Analyst III | Idaho Department of Water Resources
208-287-4882 | 322 E. Front Street, Boise ID 83720

Remember to look up at the stars and not down at your feet – Stephen Hawking

Hersley, Jean

From: Hersley, Jean
Sent: Monday, January 14, 2019 12:27 PM
To: 'paulsktm@hotmail.com'
Subject: water right permit 86-12019
Attachments: 20190114122337.pdf

The Department is in the process of reviewing your permit for licensing. We need some clarification on where the point of diversion (POD) is located.

I have attached a map showing the current place of use as marked (in red) in our mapping program (SENE SW) and the POD as marked on the map your provided with your application (in green) and the current legal description (SWNE SW). The Department needs to know which POD is correct. If you have GPS available to you, please GPS the location of the spring or mark the correct POD on the map and return to the Department.

If the POD is at the currently marked location (SENE SW), a licensing amendment will be needed to correct the POD, which has a fee of \$100. Please return the map within 30 days to: IDWR, PO Box 83720, Boise, ID, 83720-0098 or email to jean.hersley@idwr.idaho.gov. If the Department does not hear from you within 30 days, steps could be taken to void the permit. If you have any questions, please contact me. Thank you.

Jean Hersley
Idaho Dept Water Resources
Technical Records Specialist II
208-287-4942



NESESW

