

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7978

Exam Date: 08/21/2019

1. Current Owner:
RUSSELL D MAAS 1505 MAAS LP MOYIE SPRINGS ID 83845 AND/OR
CINDY MAAS 1505 MAAS LP MOYIE SPRINGS ID 83845

2. Accompanied by: In-house
Phone No:
Address:
Relationship to permit Holder:

3. **SOURCE:**
SPRING

Tributary
SINKS

Method of Determination: _____ permit _____

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
98-7042	SPRING	STOCKWATER	

Comments: There is a domestic right, 98-7325 and two municipal rights, 98-7672 & 98-7818 owned by Three Mile Water District, whose shapes overlap this right.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: _____ NA _____

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRING NW¼ SW¼ SE¼, Sec. 9, Twp 62N, Rge 02E, B.M. BOUNDARY County

Method of Determination: permit and ArcMap

PLACE OF USE: STOCKWATER

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
62N	02E	9															X		

Method of Determination: Permit and ArcMap

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

Aerial Photo Attached (required for irrigation of 10+ acres).

Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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:

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: Stockwater for 50 head of mixed stock, Volume is 0.7 af based on Administrative Processing Memo #3 and attached stockwater worksheet.

G. NARRATIVE/REMARKS/COMMENTS

ArcMap and Boundary County confirmed dwelling on site and list Gerhart Maas as current owner. There is another water right that overlaps the place of use of this right but not the POD, 98-7042. An email was sent on 8/21/19 to ask Mr. Maas if the systems were connected. I spoke with Mr. Maas on August 26, 2019 and he said the systems were not connected and this is a different spring than the other right.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
STOCKWATER	01/01 to 12/31	0.02 CFS	0.7 AF

Totals: 0.02 CFS 0.7 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

I. AUTHENTICATION

Jean Hersley - Technical Records Specialist 2

Field Examiner's Name Jean Hersley Date 8-27-19
Reviewer P. Hume Date 9/6/19

Permit # 98-7978 STOCKWATER USE ATTACHMENT

Complete this worksheet to include stockwater for in-office field exam.

Parcel size 120 acres

Size determined by (tax lot, etc.) tax lot

Check 1: ☒ County confirmed nothing prohibits type & number of stock for parcel
☐ Alternate confirmation, list: _____

G.2, Volume Calculations- AF only 1 decimal place

Complete the following only if permit includes both:

- Period of use is all year
- Stock is range cattle, horses &/or mules

Volume required (Vr):

$$\frac{\text{# animals}}{\text{# animals}} \times 0.0134 = \underline{0.67} \text{ AF}$$

Volume diverted (vd):

$$\frac{\text{Permit cfs}}{\text{Permit cfs}} \times 365 \times 1.9835 = \underline{14.47} \text{ AF}$$

Volume recommended = smaller of Vr and Vd = 0.7 AF only 1 decimal place

Other cases- discuss with supervisor before proceeding.

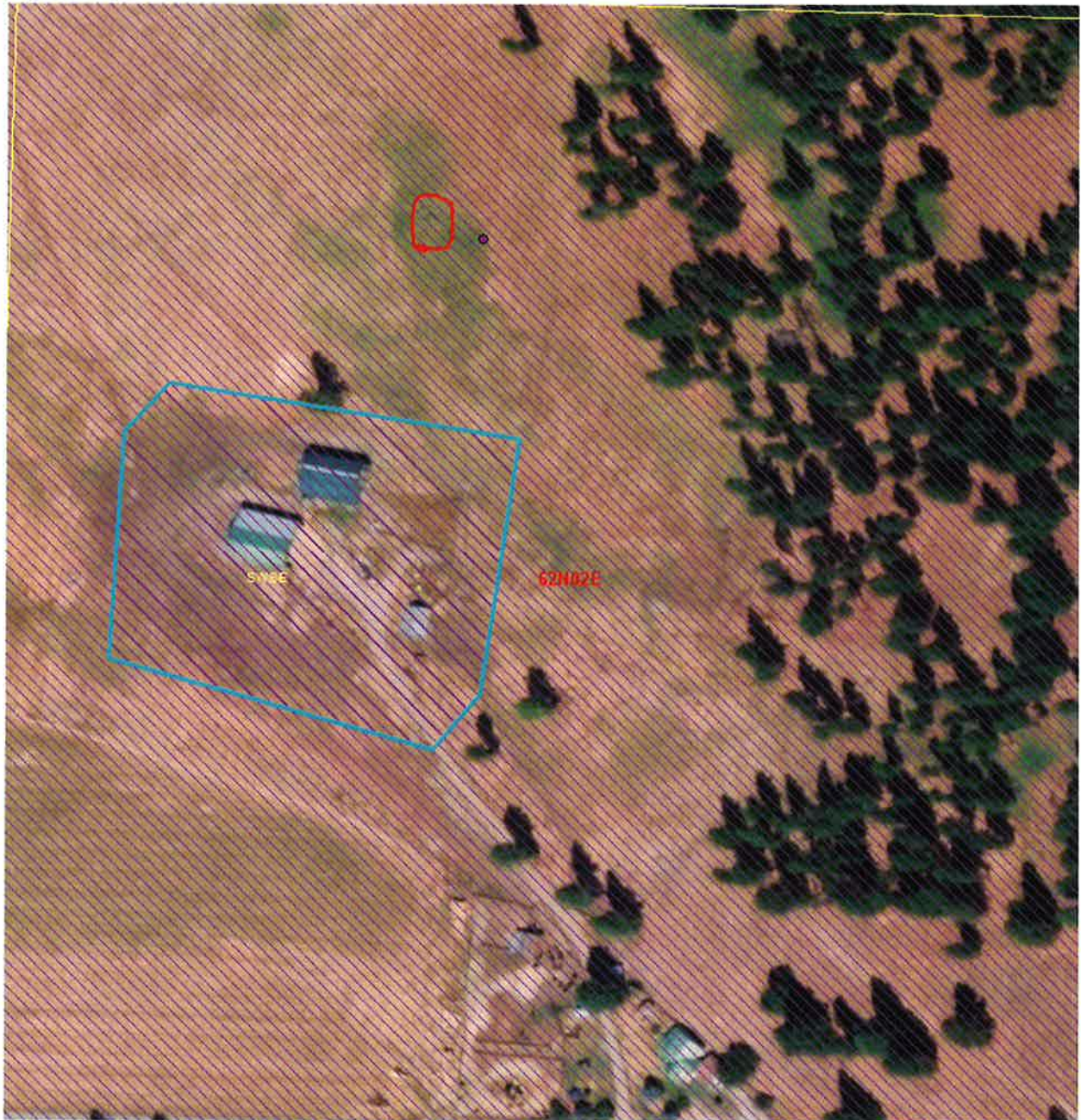
Volume required (Vr):

$$\frac{\text{# animals}}{\text{# animals}} \times \frac{\text{gpd/animal}}{\text{gpd/animal}} \times \frac{\text{days/year}}{\text{days/year}} = \underline{\quad\quad\quad} \text{ AF}$$

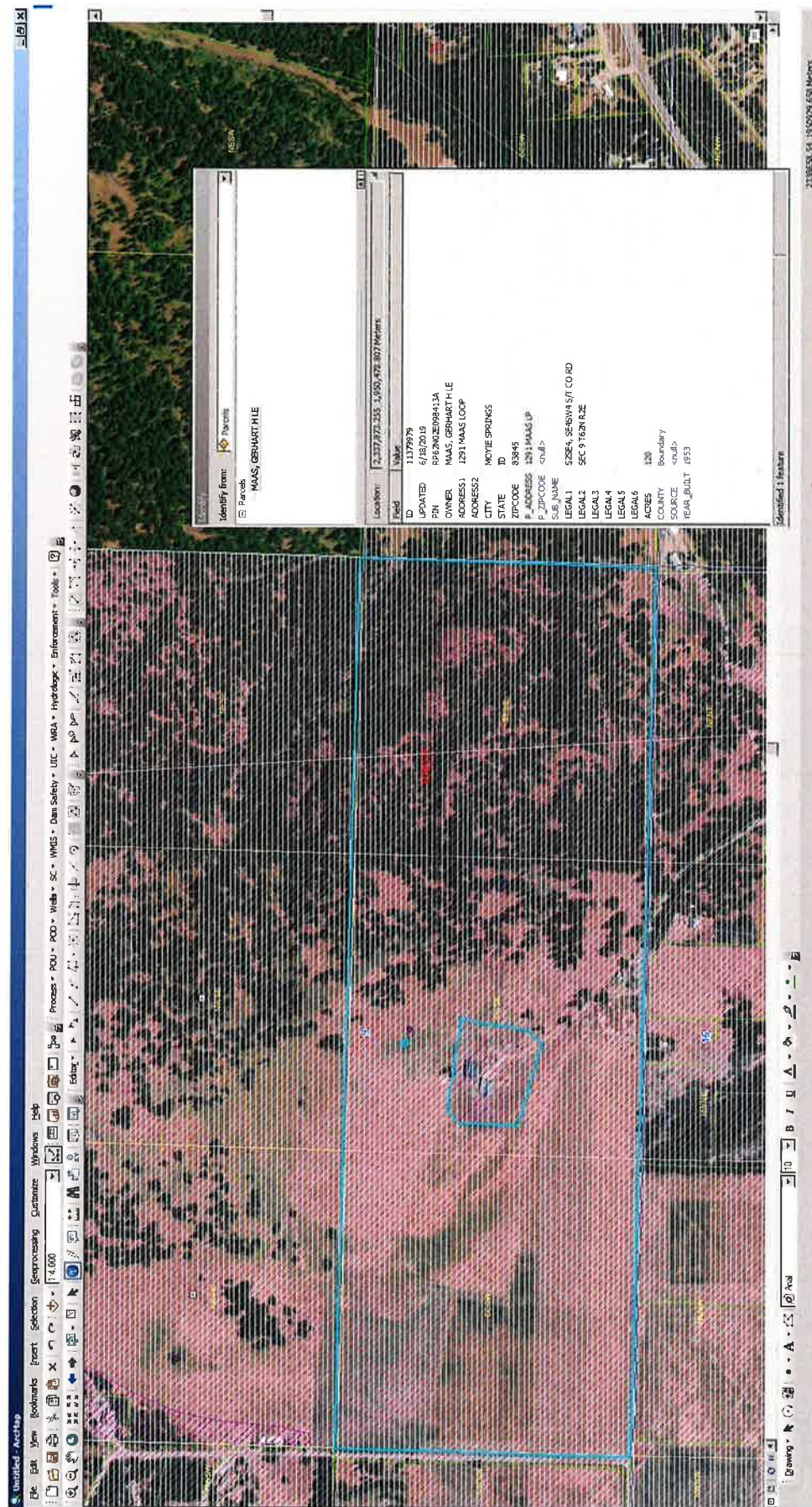
Volume diverted (Vd):

$$\frac{\text{Permit/cfs}}{\text{Permit/cfs}} \times \frac{\text{day/year}}{\text{day/year}} \times \frac{1.9835}{1.9835} = \underline{\quad\quad\quad} \text{ AF}$$

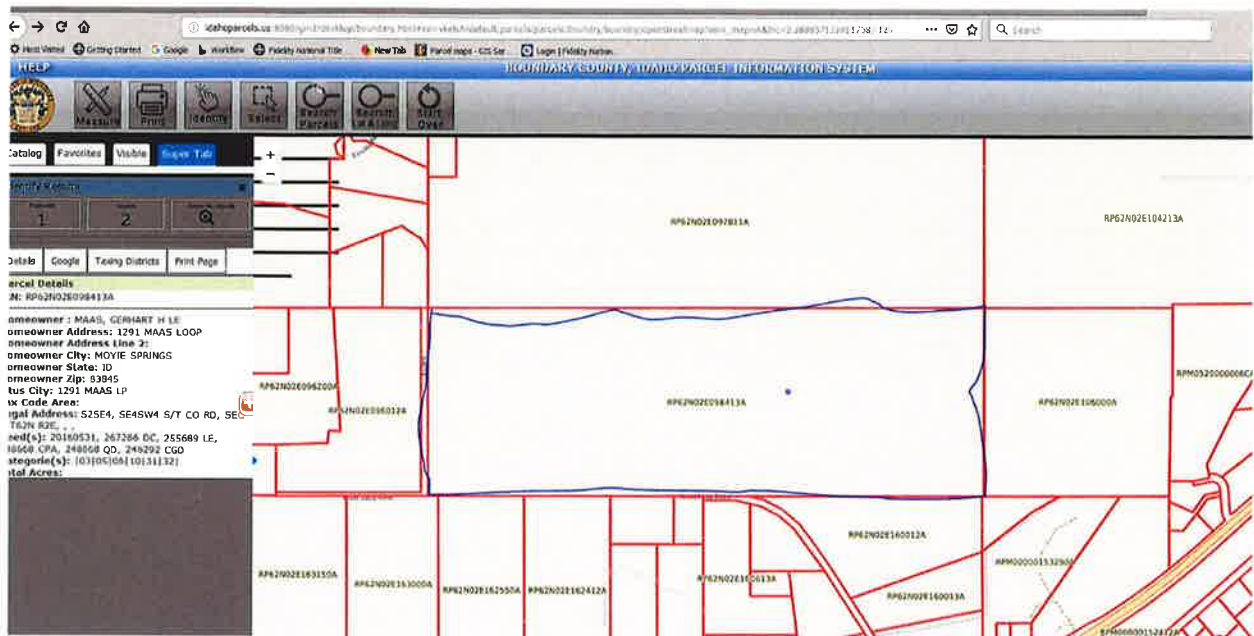
Volume recommended = smaller of Vr and Vd = AF only 1 decimal place



Spring box is visible and outlined in red. POD for license will be here.



Tax parcel is the 3 QQ owned by Maas.



Boundary County parcel outlined in blue.

Hersley, Jean

From: Hersley, Jean
Sent: Wednesday, August 21, 2019 2:15 PM
To: 'rcmmeadows@yahoo.com'
Subject: water right permit 98-7978
Attachments: 98-7042 wrWaterRightProofReport.pdf; 98-7042_map.pdf

The Department of Water Resources is in the process of conducting an in-house field exam using aerial photography. During the review, another water right, 98-7042, was found that is a domestic and stockwater right. The springs identified on water right 98-7042 are not the same as the spring identified on 98-7978. Do you pump from three different springs? And are these springs connected?

I have attached the proof report and a map showing the place of use and point of diversion for 98-7042 for your benefit.

Please let me know within 30 days or the Department will take action to void the permit. Thank you.

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