

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 98-07944

Exam Date: 1/15/19

## 1. Current Owner:

STEVEN M PETESCH 816 BLUE SKY RD BONNERS FERRY ID 83805-5958 (208) 610-3598 And

PAULA S PETESCH 816 BLUE SKY RD BONNERS FERRY ID 83805-5958 (208) 610-3598

## 2. Accompanied by: In house exam

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE:**

SPRING

**TRIBUTARY:**

COW CREEK

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: 98-7750- Cabinet Mountains Water District, municipal right- permit holder does not use water from Cabinet Mt. Water District.

2. Other water rights with the same point-of-diversion: 98-7565

**C. DIVERSION AND DELIVERY SYSTEM**1. **LOCATION OF POINT(S) OF DIVERSION:**SPRING L1 (SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ ) Sec. 2, Twp 61N, Rge 01E, B.M. BOUNDARY County

Method of Determination: permit and ArcMap

2.

**PLACE OF 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 |        |
| 61N | 01E | 2   | X<br>L 1 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

**PLACE OF USE: STOCKWATER**

| Twp | Rge | Sec | NE       |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE       | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 61N | 01E | 2   | X<br>L 1 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

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 |
|---------------------------|------------|----|------------------|-----------|-----------------------------------|
|                           |            |    |                  |           |                                   |
|                           |            |    |                  |           |                                   |
|                           |            |    |                  |           |                                   |
|                           |            |    |                  |           |                                   |

\*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

Additional Computation Sheets Attached

#### CALCULATIONS

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: Domestic and Stockwater

Domestic includes indoor and outdoor- 1.2 af Stockwater is for 10 mixed head=  $10 \times 0.0134 = 0.134$  or 0.1 af

**G. NARRATIVE/REMARKS/COMMENTS:**

ArcMap and confirmed Petesch as current owners of property. ArcMap and Boundary County maps show dwelling on property. Domestic includes  $\frac{1}{2}$  acre of irrigation.

Stock is mixed head.  $12 \text{ (gpd)} \times 10 \text{ head} \times 365 \text{ days} = 325850 = 0.134$

Overlaps with a municipal right from Cabinet Mountains Water District 98-7750 and the Petesch's stated they do not have this water source on their property. Water right 98-7565 uses the same source for a different home.

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

**H. 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       | 0.02 CFS              | 1.2 AF               |
| STOCKWATER            | 01/01 to 12/31       | 0.01 CFS              | 0.1 AF               |
|                       | <u>Totals:</u>       | 0.030 CFS             | 1.30 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**

Field Examiner's Name Jean Huskey Date 1-15-19  
Reviewer Daniel P. A. Miller Date 1-16-19

## Hersley, Jean

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**From:** Paula & Steve <paulapetesch@yahoo.com>  
**Sent:** Tuesday, January 15, 2019 11:03 PM  
**To:** Hersley, Jean  
**Subject:** Re: Water right permit 98-7944

Jean,

No, we do not have Cabinet Mountain Water on our property. I was applying for a new water right because the Corcoran's permit #98-7565 had lapsed, they haven't used it for 15 years or more. The property they owned has been divided and the house they used to run is hooked up to Cabinet Mountain Water now and has a "new" owner.

My number is 98-7944, I'm not sure why I would have written the old number from the Corcoran's, that one should be expired. We are using our new permit to run our house and water the animals.

Feel free to call anytime if you need more clarification.

Thanks,  
Steve  
208-610-3598

On Tuesday, January 15, 2019 12:08:13 PM PST, Hersley, Jean <Jean.Hersley@idwr.idaho.gov> wrote:

The Department of Water Resources is in the process of reviewing your permit for licensing. I have a few questions before moving forward.

1. Are you using water from the Cabinet Mountains Water District on your property?
2. On your application, you stated you were using water right 98-7565 for your in house use and this water permit was for lawn and garden only. Water right 98-7565 is in the name of Arthurene B & John Henry Corcoran. Are you using any of water right 98-7565 for your home?

Please respond as soon as possible so I can continue processing your license. Let me know if you have any questions. Thank you.

*Jean Hersley*

*Idaho Dept Water Resources*

*Technical Records Specialist II*

*208-287-4942*

Basemap

Content Legend

Posts

Points

VNER

JCO

/

/ATE

S (addressed)

N2009

ELINES\_GTN

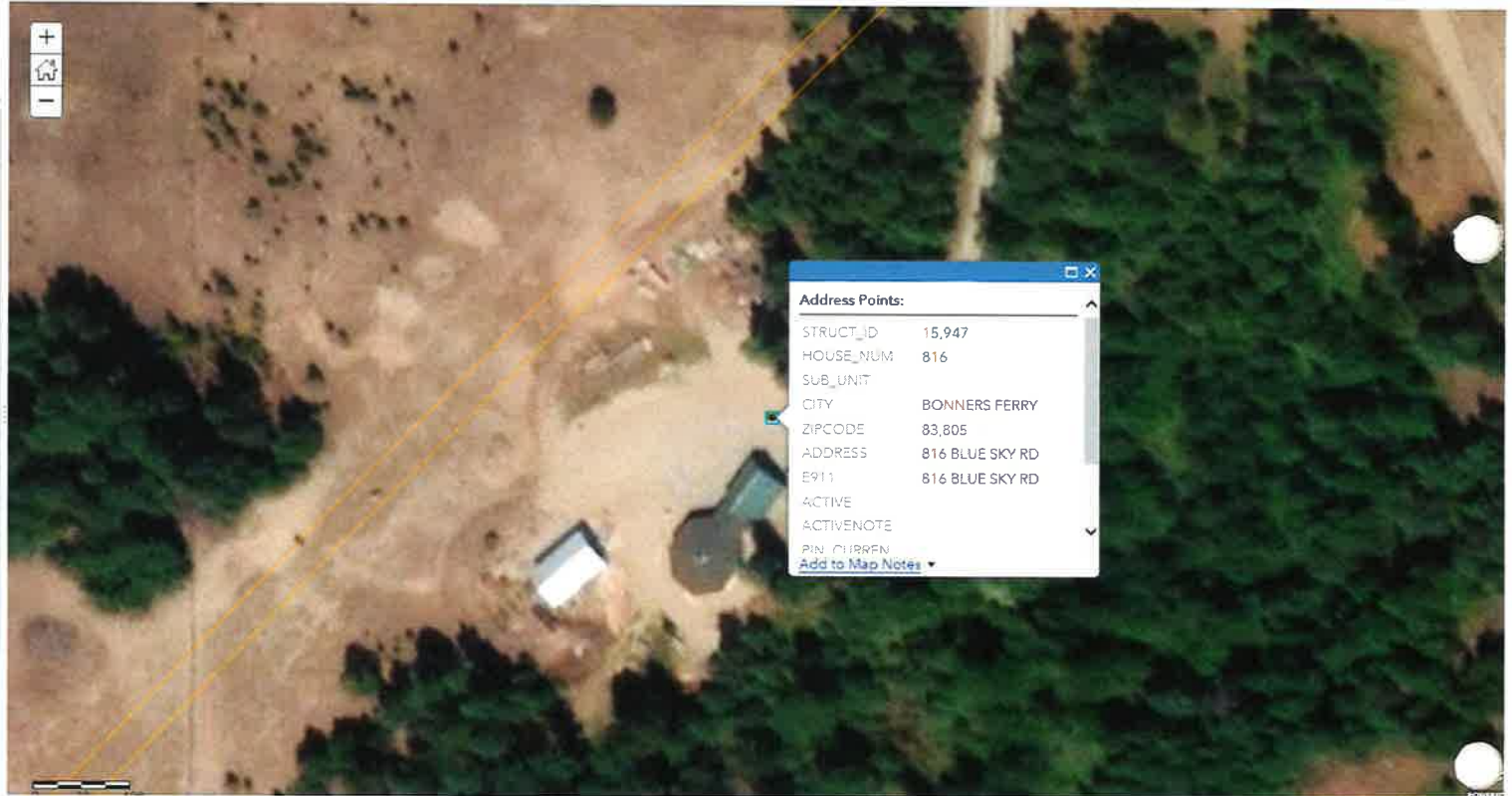
Share

Print

Measure

Bookmarks

816 BLUE SKY RD



Untitled - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

Process POU POO Wells SC WMIS Dam Safety UIC WRA Hydrologic Enforcement Tools

Editing

Identify

Identify from: Parcels

Parcels

PETESCH, STEVEN M

Location: 2,331,242.532 1,943,495.995 Meters

| Field      | Value                           |
|------------|---------------------------------|
| ID         | 5707814                         |
| UPDATED    | 6/21/2018                       |
| PN         | RP6JND LED20013A                |
| OWNER      | PETESCH, STEVEN M               |
| ADDRESS1   | 816 BLUE SKY                    |
| ADDRESS2   |                                 |
| CITY       | BONNERS PERRY                   |
| STATE      | ID                              |
| ZIPCODE    | 83805                           |
| P_ADDRESS  | 816 BLUE SKY RD                 |
| P_ZIPCODE  | <null>                          |
| SUB_NAME   |                                 |
| LEGAL1     | W2SE-4NE4, W2 G.L. 1 LESS TAX 8 |
| LEGAL2     | 5/7 CO. R/W                     |
| LEGAL3     | SEC 2 T6 LN R JE                |
| LEGAL4     |                                 |
| LEGAL5     |                                 |
| LEGAL6     |                                 |
| ACRES      | 34                              |
| COUNTY     | Boundary                        |
| SOURCE     | <null>                          |
| YEAR_BUILT | <null>                          |

Identified 1 feature

Drawing Area

Number of features selected: 3

2331547.441 1943889.642 Meters

Permit # 98-7944 STOCKWATER USE ATTACHMENT

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

Parcel size 34 acres

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

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):

$$\frac{10}{\text{\# animals}} \times 0.0134 = \underline{.134} \text{ AF}$$

Volume diverted (vd):

$$\frac{.01}{\text{Permit cfs}} \times 365 \times 1.9835 = \underline{7.2} \text{ AF}$$

Volume recommended = smaller of Vr and Vd

$$= \underline{.13} \text{ AF only 1 decimal place}$$

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Other cases- discuss with supervisor before proceeding.

Volume required (Vr):

$$\frac{\text{\# animals}}{\text{\# animals}} \times \frac{\text{gpd/animal}}{\text{gpd/animal}} \times \frac{\text{days/year}}{\text{days/year}} = \underline{\hspace{2cm}} \text{ AF}$$

Volume diverted (Vd):

$$\frac{\text{Permit/cfs}}{\text{Permit/cfs}} \times \frac{\text{day/year}}{\text{day/year}} \times \frac{1.9835}{1.9835} = \underline{\hspace{2cm}} \text{ AF}$$

Volume recommended = smaller of Vr and Vd

$$= \underline{\hspace{2cm}} \text{ AF only 1 decimal place}$$