

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 84-12146
Exam Date: 06/12/2018

1. Current Owner:
WOODLAND MEADOWS SUBDIVISION 204 WOODLAND MEADOW RD OROFINO ID 83544-6050
2. Accompanied by: Brent Telecky
Phone No:
Address: 204 Woodland Meadow Rd
Relationship to permit Holder: Member of system

3. **SOURCE:**
SPRING

Tributary
SINKS

Method of Determination: Arcmap and DRG

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
84-12147	Groundwater	Domestic	License

Comments: _____

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

Water Right No.	Source	Purpose of Use	Basis
84-12142	Spring	Diversion to storage, domestic, recreation storage	Decree

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

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

SPRING NE¼ SE¼ NE¼, Sec. 28, Twp 37N, Rge 02E, B.M. CLEARWATER County

Method of Determination: Maps and GPS. POD located at -116° 12.121, 46° 31.475

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
37N	02E	27							X			X							

Method of Determination: Google Earth 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
5 GALLON BUCKET						

2. Measurements: 5 gallon bucket test performed and filled in 20.6 seconds.

5 gal / 20.6 sec X 60 sec = 14.6 gpm or 0.03 cfs

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: Converted to domestic use up to ½ acre.

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

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

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

2. Volume Calculations for Other Uses: Domestic use with up to ½ acre of irrigation per lot.

$$14 \text{ lots} \times 1.2 \text{ AF} = 16.8 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

Field exam with Brent Telecky, homeowner in subdivision, showed a spring being used as a backup water source. The spring was located on a neighboring property along with a 5,000 gallon storage tank. There was an overflow on the tank that a 5 gallon bucket test was able to be performed in 20.6 seconds which is equal to 14.6 gpm or 0.03 cfs. The license will be issued with a diversion rate of 0.03 cfs.

The subdivision is made up of 14 lots with most lots having a home built on them. There were a couple of lots that did not have homes yet, but were stubbed in for water. This permit was issued with a domestic and irrigation component, but will be licensed with only a domestic component. There were two original applications for this subdivision that were applied for on the same day. It is unclear why 84-12147 had a field exam performed in 2005 and this one did not. License 84-12147 was changed at time of licensing to supply domestic water for 14 lots with irrigation up to ½ acre with an annual volume 16.8 acre-feet. The irrigation component was changed into an up to ½ acre per lot because they had applied for enough irrigation to cover all 14 lots with ½ acre of irrigation. This license will be issued the same as 84-12147 with an annual volume of 16.8 acre-feet. There will be an overlap condition X35, limiting 84-12147 and 84-12146 to a combined diversion rate of 0.06 cfs and an annual volume of 16.8 acre-feet.

The following conditions will be removed from the license; 132, 071, 070, 074, and R63. Conditions 01M and 004 will remain on the license. Conditions X04 and 187 will be added to describe the number of homes and the limit of ½ acre of irrigation per lot. Condition F06 will be added to describe that this right and 84-12142 are both diverted from the same spring. Condition X35 will be added to overlap this right and 84-12147. There are no other overlap concerns.

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>
DOMESTIC	01/01 to 12/31	0.03 CFS	16.8 AF

Totals: 0.03 CFS 16.8 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

Adam Frederick - Water Resource Agent, Senior

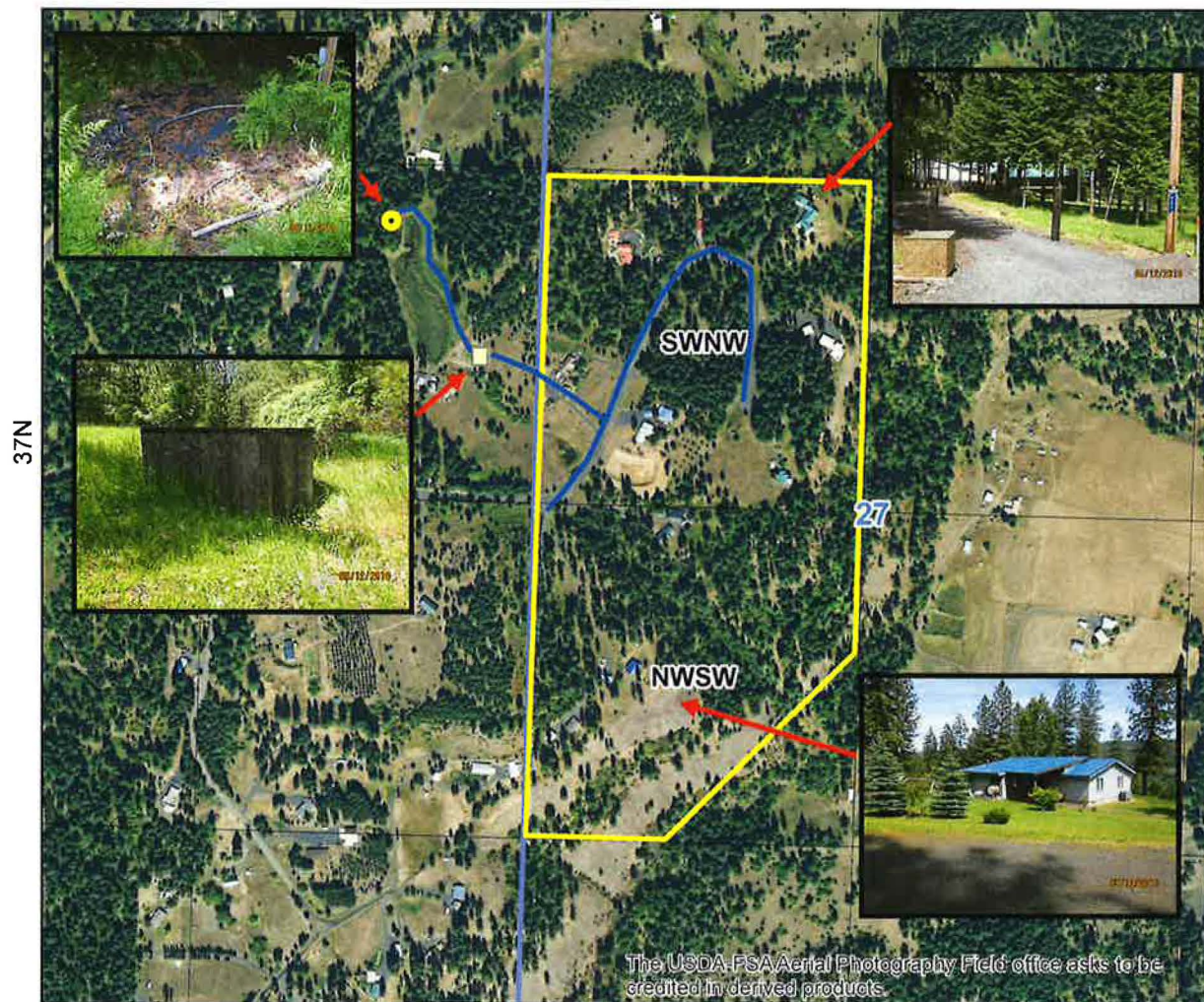
Field Examiner's Name Adam Frederick Date 11/4/2019

Reviewer Douglas Jones P.E. Date 12/30/2019

State of Idaho
Department of Water Resources
Attachment to Field Exam
84-12146

DOMESTIC / SYSTEM DIAGRAM

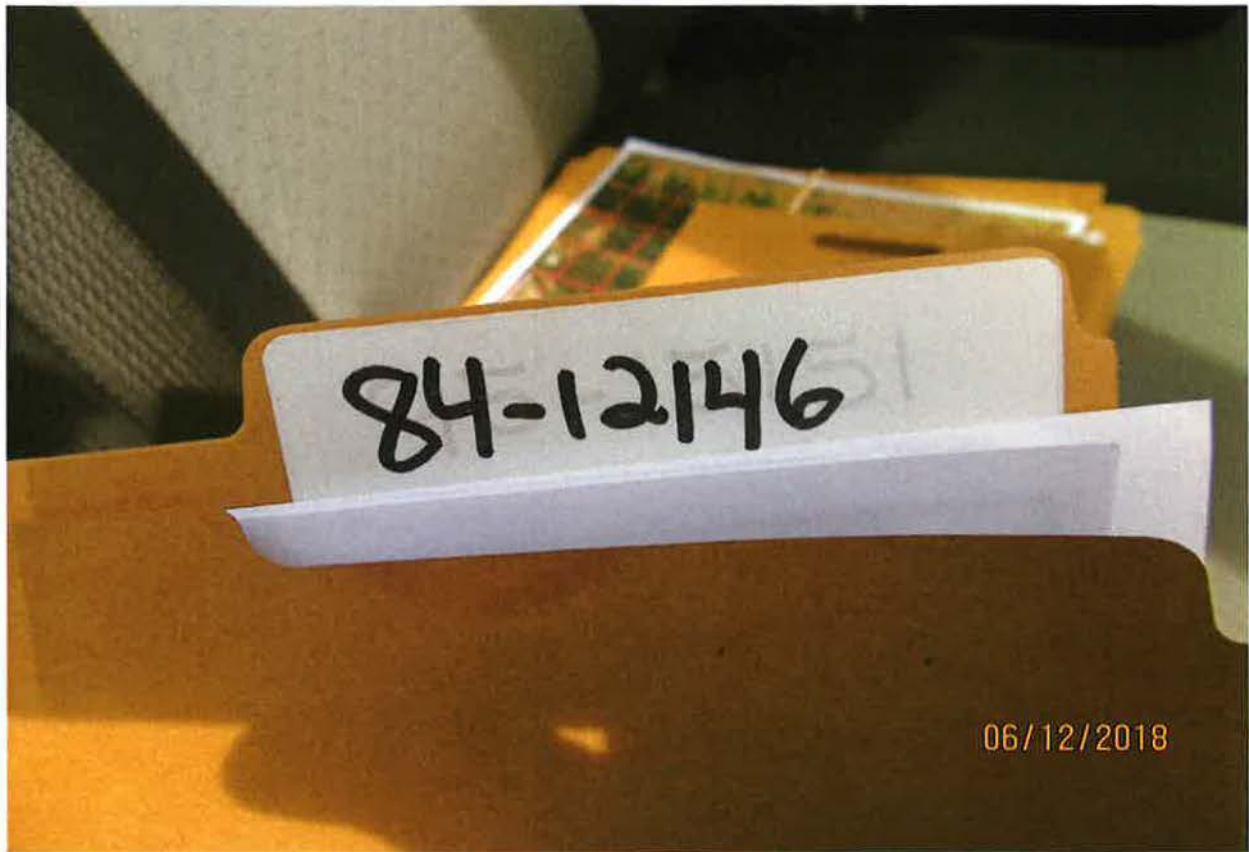
02E



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.075 0.15 0.3 Miles





Spring POD.



Storage tank where 5 gallon bucket test was performed and filled in 20.6 seconds.



Domestic POU.



Domestic POU.





Domestic POU.





Domestic POU.

