

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

A. GENERAL INFORMATIONPermit No: 77-14359

Exam Date: 4/10/17

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: Cherylyn Roe Murphy or Steve Murphy or Corinna Rupert
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

Tax lot data shows Jerome W. Roe and Cherylyn M. Roe Murphy as the owner of the two tax parcels.

3. Beneficial Use Fees have been paid: X Y N Receipt No: W044969

4. SOURCE TRIBUTARY

Ground Water

Method of Determination: US Forest Service Conditional Use Permit and Application for PermitChange in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: Water rights 77-7103, 77-7283, 77-7024, and 77-7149 are all in the same 40 acre tract. However, they are all for other properties, or on the other side of the river.

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

Water Right No.	Source	Purpose of Use	Basis
77-7103	Springs	Domestic	Decreed

Comments: Water right 77-7103 uses the same spring as this permit, however, the permit holder stated in an email dated 4/7/2017, that they use the same spring, but have a completely separate water delivery system. The permit holder and the owner of water right 77-7103 are currently related (aunt and niece). Water right 77-7149 appears to use the same spring, but the permit holder stated they use a different spring further up the hill/road. The field examination for 77-7149 also states it is for a different spring. Water rights 77-7209 and 77-7220 are also for springs in the same general area, but they are also for completely different springs. The only directly overlapping water right is 77-7103.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring	3	SE	SE	NW	14	22N	5E	B.M.	Idaho County
								B.M.	
								B.M.	

Method of Determination: The spring coordinates were included with the Special Use Permit from the US Forest Service. This permit and water right 77-7103 are for the same location.

Change in POD? X N Amendment Required? X N

2. PLACE OF USE: Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
22N	5E	14								D	D								
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Parcel Data The tax parcels straddle the 40 acre tract line, so both tracts were included, since the home to south appears to be over the 40 acre tract line.

Change 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
Spring	none				

*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 is no information to show the capacity of the spring. Apparently they use an 8 inch pipeline down to 2 – 350 gallon water tanks and then divert out of the tanks. This size pipeline should have more than enough capacity to cover the maximum allowable for 3 homes. Therefore, am following the standards set forth in Processing Administrative Memorandum #22, which states that the permit should be limited to 0.06 cfs for 2 homes for in-house use only.

Administrative Memo #22 = 0.06

Permit allowed = 0.06 cfs

I am recommending a diversion rate of 0.06 cfs as recommended in Administrative Memo #22 and the permit.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

There is no information to show what the actual water volume being used. Therefore, I am following the standards set forth in Processing Administrative Memorandum #22, which states that the permit should be limited to 0.6 af per home for in-house use only. This would allow a total of 1.2 af for the 2 homes. However, this domestic use was permitted as being subordinate to the Wild and Scenic area, and are not counted towards the general depletions, since they comply with the domestic standard described in Idaho Conde § 42-111. Therefore, no volume should be listed on these rights, but condition N13 should be added to limit them to the 13,000 gpd limitation.

G. PURPOSE OF USEIrrigation ☐ Y ☒ X ☐ N # Stock _____ Domestic # of Homes 2

Other: < >

Change in Purpose of Use? ☐ Y ☐ NMethod of Determination: Tax data, GIS, and Well Driller's Report.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit is qualifies for an in-house exam. The application for permit was filed for the same spring as water right 77-7103. There is some confusion in the files as to whether or not water rights 77-7149 uses the same spring, but the field exam and the owner stated that they use a completely different spring. A telephone conversation memo to the file dated November 24, 2015 states "Mrs. Murphy indicated that her aunt and neighbor, Jackie Wyatt, also uses the leach field but has a different storage tank. No other users utilize the leach field at the same POU as the Murphys." This statement suggests to me that the Wyatts (water right 77-7103) have the same point of diversion as the permit holder, but the distribution system is split below the spring to three separate systems. I contacted the permit holder, and they stated that they do use the same spring, but they have a separate water delivery system. The Wyatts and the Murphys share the same spring, but have developed completely separate systems. Regardless of whether or not they share a common delivery system, the point of diversion should be the same for both water rights, because it is the same spring.

The US Forest Service supplied a map with coordinates for the spring on the map. I used the coordinates to place the point of diversion for the Murphy's system, and I Correlated the Point of Diversion for water right 77-7103 to the same location to avoid confusion later on down the road.

I also expanded the place of use a bit to incorporate the entire tax parcels that are in the 40 acre tracts described in the permit. It does appear as though the southernmost home was built a little bit over the tax parcel line, so I wanted to make sure I described the domestic use as closely to the tax parcel data as possible to avoid confusion in the future. I will also use the X60 condition that further describes the domestic use as being in Lots 31 and 32 of Secesh Meadows Subdivision #4.

Conditions 1 (WB5), 2 (199) and 4 (004) need to be carried over to licensing. Conditions 3 (939) and 5 (046) should be removed at licensing. Condition N13 should be added since these right are listed as exempt in the Wild and Scenic database based on the 13,000 gallon per day limitation. Condition X60 will also need to be added to show that the place of use is in Lots 31 and 32 of Secesh Meadows Subdivision #4.

Have conditions of permit approval been met? ☒ 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	0.06 CFS	
<u>Totals:</u>		0.06 CFS	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

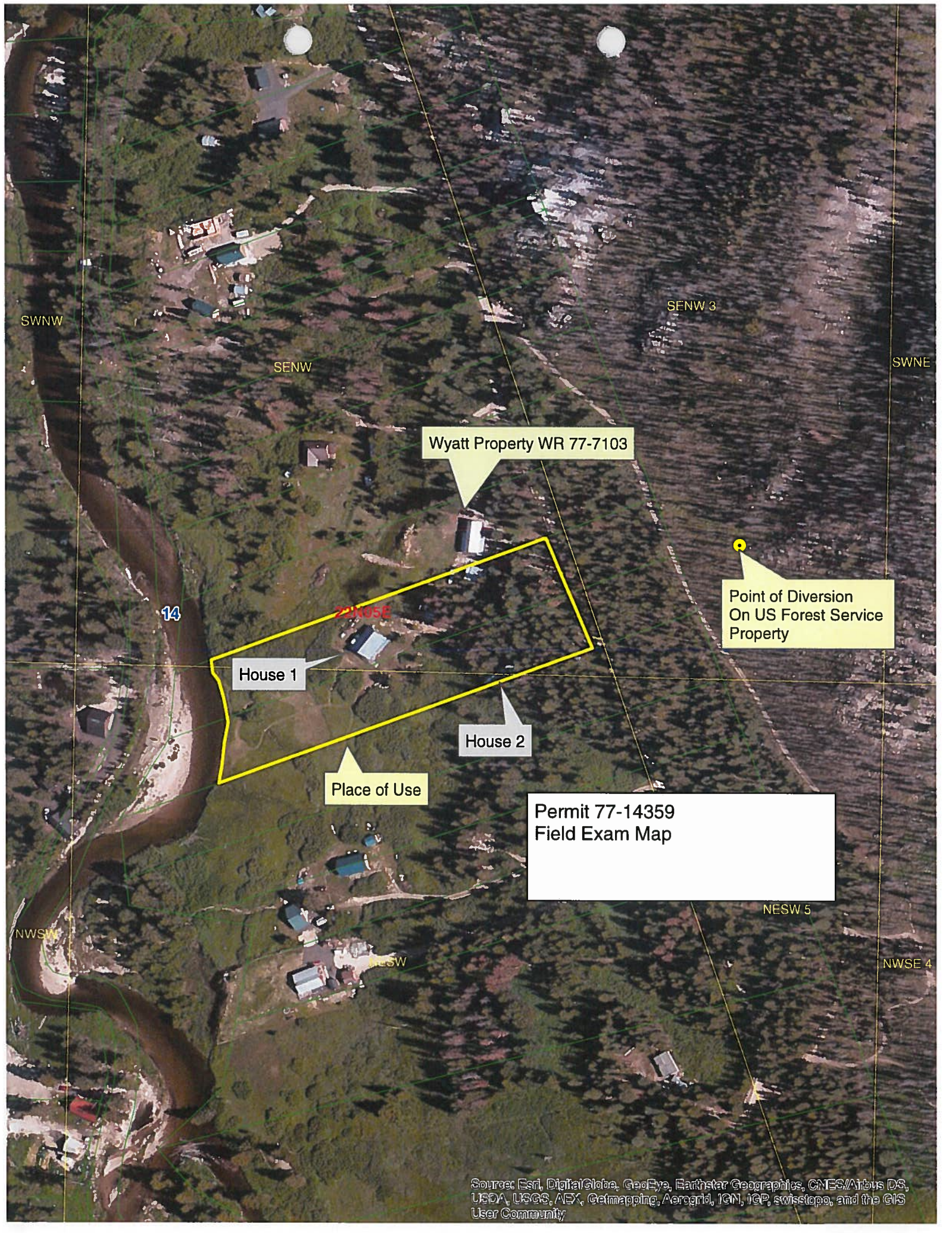
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – Analyst 3

Field Examiner's Name  Date 4-10-17

Reviewer _____ Date _____



Wyatt Property WR 77-7103

Point of Diversion
On US Forest Service
Property

House 1

House 2

Place of Use

Permit 77-14359
Field Exam Map

Nelson, Dan

From: Crmterrier <crmterrier@cableone.net>
Sent: Sunday, April 09, 2017 10:03 PM
To: Nelson, Dan
Subject: Re: Water Right Permit 77-14359

Separate systems.

Cherylyn
Sent from my iPad

On Apr 7, 2017, at 10:42 AM, Nelson, Dan <Dan.Nelson@idwr.idaho.gov> wrote:

Cherylyn,

I forgot to ask if you and your Aunt Jackie Wyatt share the same spring box, or if you have a completely different system and are just using the same spring. Could you clarify this for me?

I appreciate your help.

Thank you.

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: Crmterrier [<mailto:crmterrier@cableone.net>]
Sent: Friday, April 07, 2017 8:05 AM
To: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>
Subject: Re: Water Right Permit 77-14359

We are using the same spring as my Aunt Jackie Wyatt.
I am not exactly sure where the Chohrach/Phillips spring is located but I believe it is about 1/8 to 1/4 mile from ours if I am correct where they go to head up the hill.

Cherylyn
Sent from my iPad

On Apr 6, 2017, at 2:50 PM, Nelson, Dan <Dan.Nelson@idwr.idaho.gov> wrote:

Dear Mr. and Ms. Murphy,

You recently sent in your Proof of Beneficial Use Notice for water right permit 77-14359 for 2 domestic uses from a spring on Lots 31 and 32 of the Secesh Meadows Subdivision #4 near the Secesh River. I have been asked to see if I can license this permit without visiting the property. I feel I can accomplish this task with a little assistance from you.

From the review of other water rights in your area, it appears that the spring you are using is the same spring or near the spring or springs used for water rights 77-7103 for a Mr. & Ms. Wyatt and 77-7149 for four property owners – Mr. & Ms. Kent, Mr. Phillips, Mr. Perkins, and Mr. Chohrach. Do any of these individuals use the same spring you are using for your permit? If not can you tell me approximately how far away they are from your spring diversion?

This is the only question I have at this time. I will continue to go through the file, and contact you if I find something else that I need help with. I appreciate your cooperation, and you appreciate it if you could send me this information in the 14 days. If I don't hear from you in the next 14 days, I will send you a formal letter requesting the information.

Thank you so much for your time. Please don't hesitate to contact me if you have any questions.

Respectfully,

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)