

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

A. GENERAL INFORMATIONPermit No: 85-15777

Exam Date: 12/28/2016

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- a. Irrigation of 5 acres or less
 - b. Storage of up to 14.6 AF for stockwater purposes only
 - c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - d. Other < >

2. Current Owner: Name: Barney E. and Patti K. Smith
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

Tax lot data shows Barney E. and Patti K. Smith as the owners of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0

4. **SOURCE** **TRIBUTARY**

Ground water

Method of Determination: Well Driller's Report, GIS, and Tax Parcel Data

Change 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: There are no other water rights shown in this 40 acre tract.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: There are no other water rights shown in this 40 acre tract.



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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Well			SE	SE	1	32N	3W	B.M.	LEWIS
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Lot Parcel. The well driller's report shows the well in a different 40 acre tract on Nez Perce Tribal lands. The well driller's report is not accurate.

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	
32N	3W	1																D	
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Lot Parcel. The well driller's report shows the well in a different 40 acre tract on Nez Perce Tribal lands. The well driller's report is not accurate.

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
Well	Unknown				

*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 what size of well pump is being used. Therefore, I am following the standards set forth in Processing Administrative Memorandum #22, which states that the permit should be limited to 0.04 cfs.

Administrative Memo #22 = 0.04

Permit allowed = 0.04 cfs

I am recommending a diversion rate of 0.04 cfs as recommended in Administrative Memo #22.

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 1.2 af for in-house use and up to ½ acre of yard irrigation.

G. PURPOSE OF USEIrrigation X Y ____ N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ____ Y ____ N

Method of Determination: Tax data and GIS.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit is qualifies for an in-house exam. This is a basic well to a home and to some irrigation. In most of the aerial photography available to the Department, there doesn't appear to be any irrigation around the home. However, the Google Earth imagery does show what appears to be a small yard and a possible garden area. The irrigation use is smaller than ½ acre, so it would fall under the domestic portion of the water right.

Conditions 2 (X01) and 3 (187) need to be carried over to licensing. Condition 1 (046) should be removed at licensing per standards. The well is located on the property owned by the permit holder, and the water lines do not exit the tax parcel boundary. Therefore, condition 4 (004) should not be carried forward to licensing.

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	1.2 AF
<u>Totals:</u>		0.04 CFS	1.2 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

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – Analyst 3

Field Examiner's Name



Date



Reviewer

Date

NWSE

NESE

NWSW 6

1

32N03W

SWSE

SESE

6

32N02W

SWSW 7

Field Exam Map - 85-15777

The yellow border is the place of use, and the yellow dot is the well location.

NWNE

NENE

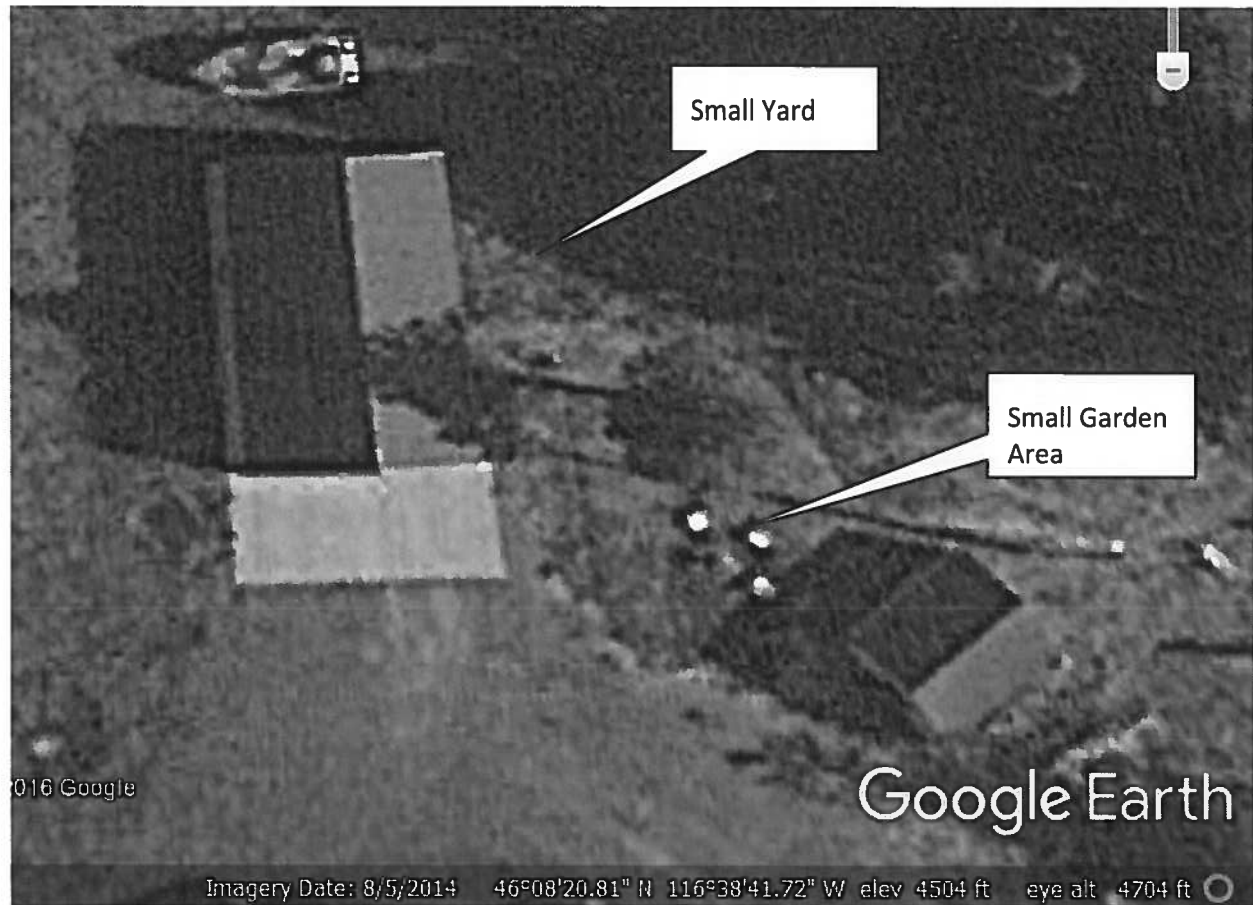
12

NWNW 1

7



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The 2014 Google Earth shows what appears to be a small yard on the northeastern corner of the home, and a possible garden between the house and the small shed southeast of the home.

