

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

Permit No: **65-23048**Does this qualify for an in-office field exam (*IDAPA 035.02.r*)? X Y N

Is the permit for:

- 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

Verify that fees have been paid X Y N C094767

Fee Schedule:

<http://www.idwr.idaho.gov/RulesStatutesForms/WaterRights/PDFs/LicenseExamFees.pdf>

(A license examination fee is not required in connection with permit which use a ground water source and have a total rate of diversion of 0.04 cfs or less OR where the total volume stored is 4.0 AF per year or less)

A. CONTACT INFORMATIONExam/Review Date: 12/05/12 1. Is the Owner of record correct (y/n): Y If **NO**: Owner: _____

Is the Address of record correct (y/n): Y If **NO**: Address: _____

If available:

Phone No: _____
(Primary)Phone No: _____
(Secondary)

E-mail: _____

E-mail: _____

Open Info Search, enter the permit number, and then use the ArcMap interface to bring up the POU/POD on ArcMap. Check the Taxlot information to see if it matches the permit or proof statement contact information.

In-office/Field Examination Report

B. POINT OF DIVERSION

__N__ Change in POD (y/n)?

If yes:

-Compare permit map with taxlot data. If it is domestic use from a well, the POD is generally close to the home.
 -For Wells, bring in the "well" layer to see if it is digitized.
 -if your overlap analysis found overlapping rights, you can use the data in those rights to verify the POD location.

Ident No.	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks

Method of Determination/Remarks: __ Domestic right out of same well.____

____ Verified by Field Exam _____

__N__ Amendment Required (y/n)?

____ X59: Point of diversion is located within <Lot 4, Blk. 3, Wilderness Subdivision>.

C. SOURCE:

__N__ Change in Source (y/n)?

If yes:

For springs and streams, we use the name of the source shown on the USGS quad maps.

Source: _____ tributary to _____

Method of Determination/Remarks: _____ Domestic right out of same well.____

____ B01: Source is also known as _____.

In-office/Field Examination Report

D. PLACE OF USE:

___N___ Change in POU (y/n)?

If yes:

-Use Taxlot information in ArcMap, permit maps, overlapping rights.
-Check for government lots

Place of Use			NE				NW				SW				SE				Totals
TWP	RGE	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Or:

___See attached map (goto I.)

Method of Determination/Remarks: ___ Irrigated area visible on GIS Imagery ___

___ 2004, 2009 & 2011 photography ___

___N___ Amendment Required (y/n)?

___ X60: Place of use is located within <Lots 1-10, Blk. 3; Lot 1-10, Blk. 4; Lots 1-15, Blk. 5; and Lots 1-10, Blk. 6; Mountain Ridge Subdivision>.

E. OVERLAP REVIEW

1. Place of Use (POU):

___Y___ (y/n): Other water rights with the same place of use(POU)?

Research Tools:

___ InfoSearch - Query for other WR's with same POU

___X___ POU Comparison Report - Query Tools

___X___ Use ArcMap for overlapping POU

We are checking to see if any other water rights share the same POU or POD. The research tools on the left will help narrow down WR's with POU's and PODs in the same 40 acre tract, but that does not necessarily mean they share the same actual POD (same well, spring etc.) or the same POU (house, 3 acre pasture, etc).

Water Right No.	Source	Purpose of Use	Basis
65-7794	Groundwater	Domestic	Decreed

65-7794 is domestic right for same well.

65-13537 –wildlife storage- unnamed stream – no overlap



In-office/Field Examination Report



For irrigation rights only:

____(y/n)? *E55: Right Nos. ____ and ____ are limited to the irrigation of a combined total of ____ acres in a single irrigation season.*

2. Point of Diversion (POD) Overlap:

__Y__ (y/n) Other water rights with the same point of diversion (POD)?

Research tools:

X InfoSearch - Query for other water rights with the same POD

X Use ArcMap for overlapping POD

Water Right No.	Source	Purpose of Use	Basis
65-7794	Groundwater	Domestic	Decreed

____ *F06: The following rights are diverted through point(s) of diversion described above: .*

65-7794 is domestic right for same well.

65-13537 –wildlife storage- unnamed stream – no overlap

F. PURPOSE OF USE:

__N__ Change in purpose of use (y/n):

If yes:

Changes in purpose of use generally consist of things like "Recreation" really being "Recreation Storage", or multi-home domestic uses changing to "Municipal".

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Method of Determination/Remarks: _ Area of irrigation visible on GIS Imagery. _____

Non-irrigation uses:

Domestic # of homes _____

Stock # _____

Other: _____

In-office/Field Examination Report

G. DIVERSION RATE:

Calculations:

0.02 cfs = 1 inch per acre (IDWR standard)

2.5 acres(0.02 cfs) = 0.05 cfs at 1 inch per acre

Per field exam for domestic right, 65-7794, Proof of Application of Water to Beneficial Use in backfile. Per 24 hour, 22.2 gal/min. pumped.

448.83 is IDWR standard for gal/min to cfs conversion.

22.2 gal/min divided by 448.83 = 0.05 cfs

Recommend 0.05 cfs

Notes/Remarks: _____

Since we aren't taking a measurement, this is where we explain the recommended diversion rate. Ex. Internal and external domestic use standard is 0.04 cfs.

H. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

$\text{I.R.} = (2.5 \text{ acres})(3) = 7.5$

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

$\text{D.R.} = (0.05 \text{ cfs})(200)(1.9835) = 19.8$

Recommended $V = 7.5 \text{ afa}$

2. Volume Calculations for Other Uses:

For uses that require a volume, this area can be used to show calculations and explain the recommended diversion volume. Ex: 3 acres at field headgate of 4.0 AF per acre = 12 AF.

I. NARRATIVE/REMARKS/COMMENTS/CHECKLIST

☒ Is there enough information to verify the water right in office (IDAPA 035.02.r)?

We need to be able to verify:

- ☒ Beneficial use
- ☒ Place of use
- ☒ Season of use
- ☒ Point of diversion

After reviewing the information available, is there enough information to verify beneficial use and issue a license?

At a minimum, you must be able to verify the 4 items to the left.

Checklist (you do not need all of these items):

- ☐ Property tax information
- ☐ Well Driller Report
- ☐ Receipts
- ☐ Photographs
- ☒ Aerial photography (required for irrigation of 10+ acres)
- ☐ Other records of the permit holder
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (**REQUIRED**). Scale must be 1:24,000 or greater.

This checklist is meant to provide a list of items that can be used to verify beneficial use.

In-office/Field Examination Report

(Use the WENET Layout application for this)

Map Output

Page Number

Page Orientation

Map Background

Map Output Type

☐ Create Editable Map

☒ Display POU Shape

☒ Display POD Shape

☐ Create Closeup Map of POU

☒ Print Attachment Page

☐ Is Amendment?

☐ Show Taxlots

☐ Show A Current Owner Name

Show Date On Map

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

NARRATIVE/REMARKS/COMMENTS

 Add Condition X35 to limit to max. capacity of well pump.

J. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
<u> </u>	<u> </u> to <u> </u>	<u> </u> CFS	<u> </u> AF
<u> Irrigation </u>	<u> 04/15 </u> to <u> 10/31 </u>	<u> 0.05 </u> CFS	<u> 7.5 </u> AF
<u> </u>	<u> </u> to <u> </u>	<u> </u> CFS	<u> </u> AF
Totals: <u> 0.05 </u> CFS			<u> 7.5 </u> 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 Other ☒ None

K. AUTHENTICATION

Field Examiner's Name Denille Brum Date 12-06-12

Reviewer Date

POU NWSW

Basin	Sequence Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority D	Diversion	Source List	Water Use L	Current Own	Other Own	Leased	Applica	Approval D	Total Acr	Acre Lim	Volume
65	7794		Water Right	Decree	Active	N	153446	1/5/1977	0.040	GROUND W/ DOMESTIC	UNITED STATES OF AME	No							0.7
65	23048		Water Permit		Active	N	611035	6/6/2006	0.050	GROUND W/ IRRIGATION	US DEPT OF INTERIOR	No			3/20/2007		2.5		

Water District

65 - Payette River and Tril	NESW	NWSW	15N03E17
		NWSW	15N03E17

POD

Basin	Sequence Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority D	Diversion	Source List	Water Use L	Current Own	Other Own	Leased	Applica	Approval D	Total Acr	Acre Lim	Volume
65	7794		Water Right	Decree	Active	N	153446	1/5/1977	0.040	GROUND W/ DOMESTIC	UNITED STATES OF AME	No							0.7
65	13537		Water Permit		Active	N	98114	6/30/1994		UNNAMED S WILDLIFE ST	US DEPT OF INTERIOR	No			3/30/1995				15.0
65	23048		Water Permit		Active	N	611035	6/6/2006	0.050	GROUND W/ IRRIGATION	US DEPT OF INTERIOR	No			3/20/2007		2.5		

Water District

65 - Payette River and Tributaries	NWSW	15N03E17
65 - Payette River and Tributaries	NWSW	15N03E17
	NWSW	15N03E17