

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

Permit No: 55-13843Does 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 C082982

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: 10/17/12 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.

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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 right s to verify the POD location.

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

Method of Determination/Remarks: __ Spring visible on Imagery and DRG _____

__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: _____ Spring visible on imagery _____

_____ B01: Source is also known as _____.

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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:

☒X See attached map (goto I.)

Method of Determination/Remarks: Trough visible on imagery

☐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):

☐N (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

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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:

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

Research tools:

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

☒ Use ArcMap for overlapping POD

Water Right No.	Source	Purpose of Use	Basis

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

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: Trough located on Imagery.

Non-irrigation uses:

Domestic # of homes _____

Stock # 350 range cattle _____

Other: wildlife _____

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G. DIVERSION RATE:

Calculations:

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.

Notes/Remarks: 0.02 cfs less than the recommended per Application Processing Memo #3 for 301-400 head of stock. 0.02 cfs recommended.

H. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:
 $350 \times 0.0134 = 4.7 \text{ afa}$

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.

Recommendation per Application Processing Memo #3 : 301 – 400 head = 5.4 afa

I. NARRATIVE/REMARKS/COMMENTS/CHECKLIST

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

We need to be able to verify:

- X Beneficial use
- X Place of use
- X Season of use
- X 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):

- X Property tax information
- Well Driller Report
- X Receipts
- Photographs
- X Aerial photography (required for irrigation of 10+ acres)
- X Other records of the permit holder
- X 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.

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(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

Teakettle Spring Project #9896

J. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater	_04/01_ to _11/30_	_0.02_ CFS	_4.7_ AF
Wildlife	_01/01_ to _12/31_	_0.02_ CFS	_4.7_ AF
_____	_____ to _____	_____ CFS	_____ AF
Totals: _0.02_ CFS			_4.7_ AF

2. Recommended Amendments

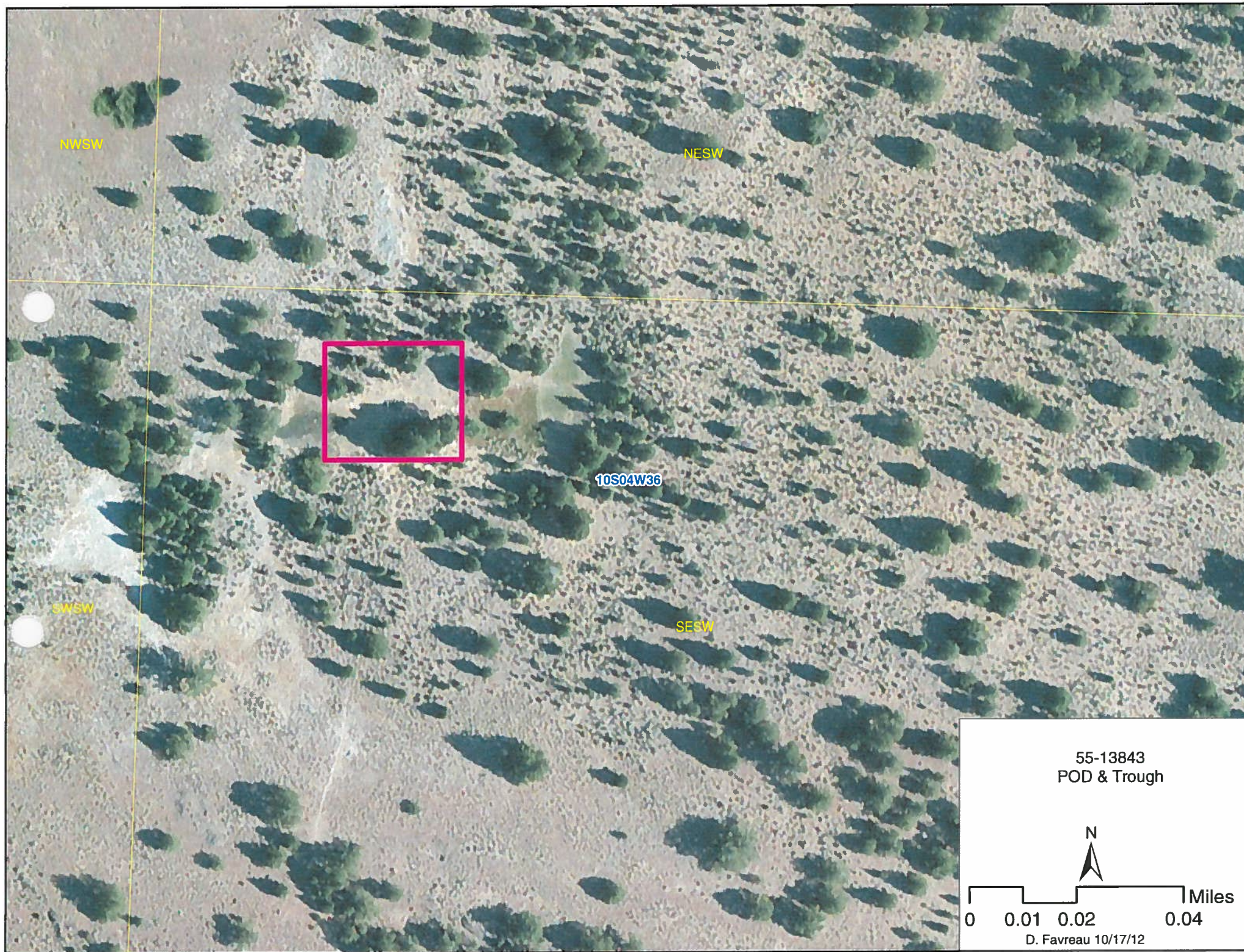
___Change P.D. as reflected above ___Add P.D. as reflected above ☒ None

___Change P.U. as reflected above ___Add P.U. as reflected above ___Other ☒ None

K. AUTHENTICATION

Field Examiner's Name Daniel B. Jones Date 10-17-12

Reviewer _____ Date _____



Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
55	13843			Water Permit		Active	N	583619	9/11/2004	0.020	TEAKETTLE SPRING	STOCKWATER, WILDLIFE	US DEPT OF INTERIOR

Other Owner	Leased to Wate	Applicatio	Approv	Total Ac	Acre Limit	Volume	Water District
	No		1/20/2005				

[illegible]