

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

A. GENERAL INFORMATION

Permit No: 75-14636

Exam Date: 07/08/14

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: Hoy
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

3. Beneficial Use Fees have been paid: X Y N Receipt No: E038752

4. SOURCE

Groundwater

Method of Determination: well log

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
75-2091D	Salmon River	Irrigation	Decreed.

Comments: POU is for Lost Trail Lodge Subdivision (LTLS) Lot 8. 75-14636 is supplement to 75-2091D as indicated in application.

75-10760 – across road and to north of POU, 75-2091C for LTLS Lot 3 & 4, 75-2091E for Lot 6, 75-2091H for LTLS Lot 11 & 12, 75-2091J for LTLS Lot 7, 75-2091K for LTLS Lot 9, 75-2091N for LTLS Lot 5

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 75-10760 for lot across road and to north of POU. Domestic well for 75-10760 in existence in 1990 when adjudication claim for 75-10760 was made. Hoy well drilled in 1995.

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

[illegible]

Method of Determination: Well log and information provided by permit holder.

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Irrigation

[illegible]

Total Acres =2.5

Method of Determination: GIS Imagery. Entire taxlot 4.6 acres. Portion of N.F. Salmon River in the property as well as home and garage. Per email from Amy Cassel dated 08/11/14, land owner "can barely handle irrigating their own yard". Only 2.5 acres of irrigation found. Same acres as overlapping right of 75-2091D except some moved when house built. No additional acres found irrigated.

Change in POU? YXNAmendment Required? YXN

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

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

*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

2. Measurements: <>

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

Per App. Processing Memo #17, up to 0.03 cfs/acre for irrigation up to 5 acres acceptable. 2.5 acres(0.03 cfs) = 0.08 cfs

See theoretical pump calc. sheet

Measurement = 0.8 cfs
Permit allowed = 0.09 cfs

License recommend for 0.08 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.5 \times 3.5 = 8.75$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.08 \times 214 \times 1.9835 = 33.96$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 8.8$$

2. Volume Calculations for Other Uses:

G. PURPOSE OF USE

Irrigation XYN# StockDomestic # of Homes

Other: <>

Change in Purpose of Use? YN

Method of Determination: GIS Imagery

If Yes: From UseTo UseAmountCFSAFA

H. NARRATIVE/REMARKS/COMMENTS

- In Wild and Scenic Watershed: Salmon River Excluding Middle Fork
Season of Use: 04/01-10/31 (214 days)
Headgate: 3.5
Cons. Use: 2.5

Not in a water district at this time.

SRBA overlapping right 75-2091D. 75-14636 is supplement to 75-2091D as indicated in application. Looks like they built a house and possibly moved irrigation to southwestern part of property. Large part of property riparian. Entire taxlot 4.6 acres. Portion of N.F. Salmon River in the property as well as home and garage. Per email from Amy Cassel dated 08/11/14, land owner "can barely handle irrigating their own yard". Only 2.5 acres of irrigation found. Same acres as overlapping right of 75-2091D except some moved when house built. No additional acres found irrigated.

Conditions

- Prior to diversion of water under this right, the right holder shall install a lockable device, subject to the approval of the Department, in a manner that will provide the watermaster suitable control of the diversion.
 - o See photos provided by Amy Cassel via Dennis Owsley. After review with Dan Nelson and Shelly Keen, manual pump head can be locked down hence condition is satisfied.
- The right holder shall install or construct a straight length of conduit or ditch suitable for installing a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least ten times the diameter of the conduit and shall be above ground or otherwise easily accessible.
 - o See photos provided by Amy Cassel via Dennis Owsley. After review with Dan Nelson and Shelly Keen, measurement can be taken by bucket and stopwatch at hose connection and a straight length conduit is accessible in pump house hence condition is satisfied.

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>
Irrigation	04/01 to 10/31	0.08 CFS	8.8 AF
<u>Totals:</u>		0.08 CFS	8.8 AF

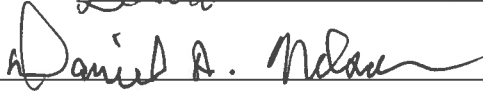
2. Recommended Amendments

☐ 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

Other: < >

J. AUTHENTICATION

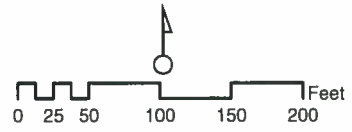
Field Examiner's Name  Date 08/13/14
Reviewer  Date 8-29-14

Process	Basin Sequence	Draft	Owner	Source	POD/ POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Right	75-10615	N	RAMEY, RONALD L; RAMEY, ROSE MARIE	SALMON RIVER	POD																X	0
Water Right	75-10632	N	PLAGENS, CHERYL A; PLAGENS, KEITH A	GROUND WATER	POD									X								0
Water Right	75-10632	N	PLAGENS, CHERYL A; PLAGENS, KEITH A	GROUND WATER	POU									X								0
Water Right	75-10760	N	RADFORD, RONALD	GROUND WATER	POD			X														0
Water Right	75-10760	N	RADFORD, RONALD	GROUND WATER	POU			X														0
Water Right	75-10947	N	PHELPS, JOHN B; PHELPS, NANCY	GROUND WATER	POD															X		0
Water Right	75-10947	N	PHELPS, JOHN B; PHELPS, NANCY	GROUND WATER	POU															X		0
Water Right	75-10955	N	STATE OF IDAHO	SALMON RIVER	POD															X		0
Water Right	75-10955	N	STATE OF IDAHO	SALMON RIVER	POU															X		0
Water Right	75-10956	N	STATE OF IDAHO	SALMON RIVER	POD					X												0
Water Right	75-10956	N	STATE OF IDAHO	SALMON RIVER	POU					X												0
Water Right	75-10989	N	WOLFRAM, HELEN; WOLFRAM, LEWIS	GROUND WATER	POD						X											0
Water Right	75-11620	N	WHETSTINE, HERBERT; WHETSTINE, MARCIA	SALMON RIVER	POD														X			0
Water Right	75-11620	N	WHETSTINE, HERBERT; WHETSTINE, MARCIA	SALMON RIVER	POU																2.0	2
Water Right	75-11621	N	RIGGAN, DEBORAH; RIGGAN, JAMES E	SPRINGS	POD													X		X		0
Water Right	75-11621	N	RIGGAN, DEBORAH; RIGGAN, JAMES E	SPRINGS	POU													0.6			10.0	10.6

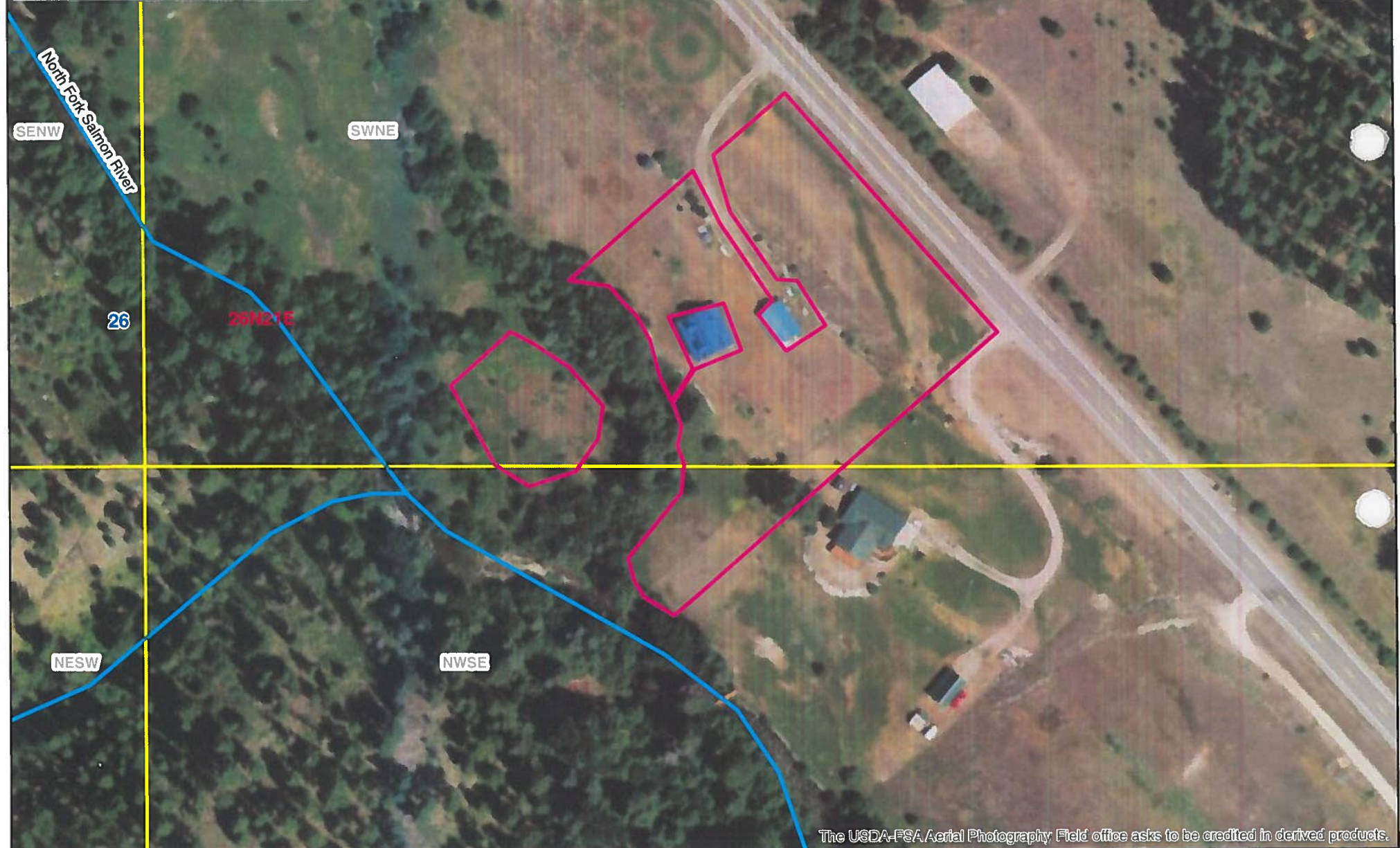
Water Right	75-11628	N	BULLARD JR, MAURICE F; BULLARD, JUDY K	GROUND WATER	POD					X	0
Water Right	75-11628	N	BULLARD JR, MAURICE F; BULLARD, JUDY K	GROUND WATER	POU					X	0
Water Right	75-13708	N	WILSON, ELIZABETH M; WILSON, ROBERT J	GROUND WATER	POD					X	0
Water Right	75-13708	N	WILSON, ELIZABETH M; WILSON, ROBERT J	GROUND WATER	POU					X	0
Water Permit	75-14529	N	GRANCE, GARY	NORTH FORK	POD		X				0
Water Permit	75-14529	N	GRANCE, GARY	NORTH FORK	POU			2.8		1.2	4
Water Permit	75-14636	N	HOY, JOSEPH; HOY, SHIRLEY	GROUND WATER	POD	X					0
Water Permit	75-14636	N	HOY, JOSEPH; HOY, SHIRLEY	GROUND WATER	POU	3.0			1.6		4.6
Water Right	75-2091C	N	PLAGENS, CHERYL A; PLAGENS, KEITH A	SALMON RIVER	POD		X				0
Water Right	75-2091C	N	PLAGENS, CHERYL A; PLAGENS, KEITH A	SALMON RIVER	POU			4.2	0.7		4.9
Water Right	75-2091D	N	HOY, JOSEPH; HOY, SHIRLEY	SALMON RIVER	POD		X				0
Water Right	75-2091D	N	HOY, JOSEPH; HOY, SHIRLEY	SALMON RIVER	POU	2.3			0.2		2.5
Water Right	75-2091E	N	BRYANT, DENNIS C; BRYANT, KATHY B	SALMON RIVER	POD		X				0
Water Right	75-2091E	N	BRYANT, DENNIS C; BRYANT, KATHY B	SALMON RIVER	POU				3.5		3.5
Water Right	75-2091H	N	LAKE, ALLEN	SALMON RIVER	POD		X				0
Water Right	75-2091H	N	LAKE, ALLEN	SALMON RIVER	POU	2.0					2
Water Right	75-2091J	N	TENBRINK, ALBERT TED; TENBRINK, ROBIN W	SALMON RIVER	POD		X				0
Water Right	75-2091J	N	TENBRINK, ALBERT TED; TENBRINK, ROBIN W	SALMON RIVER	POU	0.7			2.2		2.9
Water Right	75-2091K	N	EGELAND, GARY A	SALMON RIVER	POD		X				0

Water Right	75-2091K	N	EGELAND, GARY A	SALMON RIVER	POU	4.0					4
Water Right	75-2091L	N	BULLARD JR, MAURICE F; BULLARD, JUDY K	SALMON RIVER	POD		X				0
Water Right	75-2091L	N	BULLARD JR, MAURICE F; BULLARD, JUDY K	SALMON RIVER	POU			1.7		0.2	1.9
Water Right	75-2091M	N	TRIEBEL, RICHARD; TRIEBEL, SANDRA	SALMON RIVER	POD		X				0
Water Right	75-2091M	N	TRIEBEL, RICHARD; TRIEBEL, SANDRA	SALMON RIVER	POU			2.1			2.1
Water Right	75-2091N	N	JONES, DANIEL WESLEY	SALMON RIVER	POD		X				0
Water Right	75-2091N	N	JONES, DANIEL WESLEY	SALMON RIVER	POU			0.7	2.0		2.7
Water Right	75-4308	N	BROWN, LAURA B; BROWN, LEWIS O	UNNAMED STREAM	POD					X	0
Water Right	75-4358	N	BENEDICT, COLLEEN A; COCKRELL, MONA J; PROKSCH, JOSEPH A; PUETT, DIXIE L	SALMON RIVER	POD					X	0
Water Right	75-4358	N	BENEDICT, COLLEEN A; COCKRELL, MONA J; PROKSCH, JOSEPH A; PUETT, DIXIE L	SALMON RIVER	POU					1.0	1
Water Right	75-4373	N	KEATING JR, EARL R; KEATING, SUE ANN	SALMON RIVER	POD					X	0
Water Permit	75-7601	N	HART, JAY; HART, PAT	POND, SALMON	POD		X				0
Water Permit	75-7601	N	HART, JAY; HART, PAT	POND, SALMON	POU			2.0			2
Water Permit	75-7601	N	HART, JAY; HART, PAT	POND, SALMON	POU		X				0

75-14636



D. Favreau 07/18/14



Favreau, Danielle

From: Keen, Shelley
Sent: Monday, August 11, 2014 4:19 PM
To: Favreau, Danielle
Subject: FW: North Fork water right permit

Danielle,

See below for an update on the effort to license Permit 75-14636. If you haven't received it already, please check with Dennis about the information Amy sent here. I recommend bringing this one to our next water rights Q/A meeting.

Shelley

From: Cassel, Amy
Sent: Monday, August 11, 2014 3:39 PM
To: Keen, Shelley
Cc: Owsley, Dennis
Subject: North Fork water right permit

Hi Shelley,

I was able to meet with Shirley Hoy re: Permit 75-14636 and I took a few photos of the data Danielle requested, as well as the GPS location of the well. Dennis was here in Salmon most of last week doing a seepage run, and I talked to him about it and also sent a copy of the photos with him to Boise. There are several complications associated with the requests Danielle made: 1. The pump is on the bottom of the well. 2. The sprinklers are buried in the garage and not in use this season. 3. The power panel to the pump is in their basement and of course also runs their domestic well.

Shirley is 85 years old, has difficulty walking with a cane, lives 35 miles away, and I really do not envision her able to irrigate herself and she has had great difficulty finding someone else to do it for her. Virtually everyone in that area is elderly, retired, and can barely handle irrigating their own yard. The house is unfinished and I imagine it will stay that way until she sells it. I am actually going to talk to her about banking her right(s) so she doesn't have to worry about not irrigating it and possibly forfeiting it.

I spoke to Shirley late last week and she was concerned about the Aug. 15 deadline in Danielle's letter so just wanted to see if she needs to call for an extension.

Thanks,
Amy

Keen, Shelley

From: Keen, Shelley
Sent: Monday, July 28, 2014 2:44 PM
To: Cassel, Amy
Subject: Permit #75-14636 (Shirley Hoy)
Attachments: lx0h01_.pdf

Amy,

I've attached a more detailed letter that Danielle Favreau recently sent to sent to Shirley Hoy about Permit 75-14636. Essentially, Danielle is trying to collect enough information to issue a water right license without conducting a field examination. However, if supplying the requested information is too difficult for Ms. Hoy, IDWR will conduct an exam to collect the information needed to confirm the water use. Ms. Hoy just needs to indicate her preference.

Ms. Hoy can comply with condition no. 6 of the permit by showing that a watermaster could close and lock either the power panel for the pump or a valve on the delivery system. Condition no. 7 can be met by showing that there's a long, straight length of pipe between the well and the first sprinkler on the system. For now, it's okay if the pipe is buried. The purpose of condition no. 7 is to ensure there is an adequate place for a measuring device when one is eventually required.

Call or email if you want to talk about some specific options.

Shelley Keen
Idaho Department of Water Resources
Shelley.Keen@idwr.idaho.gov
208-287-4947

Keen, Shelley

From: Cassel, Amy
Sent: Monday, July 28, 2014 2:08 PM
To: Keen, Shelley
Subject: Permit #75-14636

Hi Shelley,

Shirley Hoy called the local Bureau of Rec office, who then sent her to me regarding a letter she received dated July 2, 2014 - Proof Acknowledgement Letter. She is 85 years-old, recently widowed, and she does not live on the property associated with the permit and does not understand Condition no. 6 and 7 of the letter (measuring devices.) I assume her husband handled these things but since he has passed away, she is trying to figure out what she needs to do prior to the field exam. She does, however, wish to continue to irrigate the property. She was under the impression that IDWR installed these things, but I'm pretty sure that it is up to the landowner. The BoR guy is willing to help her but just wants to be clear on what needs to be done first. It's possible her husband has some of these things in place already.

Thanks,
Amy