

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

A. GENERAL INFORMATIONPermit No: 95-17170

Exam Date: 10/20/2016

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: Robert J. Lauer and Brenda J. Christensen
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

Tax lot data shows Robert Lauer as the owner of the property.

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

4. **SOURCE** TRIBUTARY

Ground water

Method of Determination: Well Driller's Report, GIS, and Taxlot 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: Water right 95-17169 owned by Mr. Hughes uses the same well, but the place of use is for the tax parcel to the north of this property. Hughes split his tax parcel and sold the southern half to a Mr. Lauer who owns permit 95-17170. Water rights 95-10318 and 95-10334 are located in the same 40 acre tract, but they belong to the neighbors to the west of this permit. Adjudication claim 95-11662 was originally filed in this tract, but the property is actually south in a different 40 acre tract.

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

Water Right No.	Source	Purpose of Use	Basis
95-17169	Ground water	Domestic	Permit

Comments: Water right 95-17169 owned by Mr. Hughes uses the same well, but the place of use is for the tax parcel to the north of this property. Hughes split his tax parcel and sold the southern half to a Mr. Lauer who owns permit 95-17170. Water rights 95-10318 and 95-10334 are located in the same 40 acre tract, but they belong to the neighbors to the west of this permit. Adjudication claim 95-11662 was originally filed in this tract, but the property is actually south in a different 40 acre tract.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Well			NE	NE	11	53N	3W	B.M.	KOOTENAI
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Lot data.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	
53N	3W	11	D																
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Lot Data The tax parcel straddles the 40 acre tract line, but the land in the NWNE is a road easement, so there is no water use in the NWNE. The NWNE was not included in the permit, and was not carried over to the license recommendation. The lot was split changing the lot from Lot 4, Crest Wood Subdivision to Lot 1, Block 1, Hughes Acres Subdivision.

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 USE

Irrigation ____Y____N # Stock _____ Domestic # of Homes ____1____

Other: < >

Change in Purpose of Use? ____Y____N

Method 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 qualified for an in-house exam. Permits 95-17169 and 95-17170 are diverted from a single well. Permit 95-17169 is for the northern parcel associated with the well. The property for both permits were originally owned by Mr. Hughes, but Mr. Hughes subdivided the property and sold the southern portion to Robert Lauer the owner of permit 95-17170. This changed the subdivision lot description that was on the permit for the place of use to Lot 2, Block 1, of Hughes Acres Subdivision, and the point of diversion description was changed to Lot 2, Block 1, Hughes Acres Subdivision. Mr. Lauer provided a plat map in an email dated 10/8/2016. In a separate email with the same date of 10/8/2016, Mr. Lauer provided photos of the home and sparse irrigation around the home as proof the domestic use has been developed. The home is a manufactured home, so it was quickly moved onto the property and set up.

This permit is a standard domestic permit that is limited to diversion rate and volume described in Administrative Processing Memorandum #22. With the two domestic uses from the separate water rights being diverted from the same well, we cannot call this use a domestic use as described in 42-111 unless both permits were limited to 13,000 gallons per day. Therefore, they are entitled to the full volume described in Administrative Memorandum #22 of 1.2 af for each water right.

Conditions 2 (174), 3 (01R) and 4 (175) need to be carried over to licensing, since when this permit and permit 95-17170 are combined, they are not limited to 13,000 gpd and don't qualify as a 42-111 domestic use. Therefore, these conditions are needed to inform the permit holders of these two water rights that they may need to measure in the future dependent upon how the future water district will be established. Condition 1 (046) will be removed at licensing. Condition 7 (X59) will be changed to describe the new tax parcel description of Lot 2, Block 1, of Hughes Acres Subdivision. Condition X60 will also need to be added to show that the place of use is in Lot 1, Block 1, of Hughes Acres Subdivision. Condition F06 should also be added to show that water right 95-169 and 95-17170 are diverted from the same point of diversion. The remainder of the conditions will be carried forward to licensing as is standard.

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	0.04 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

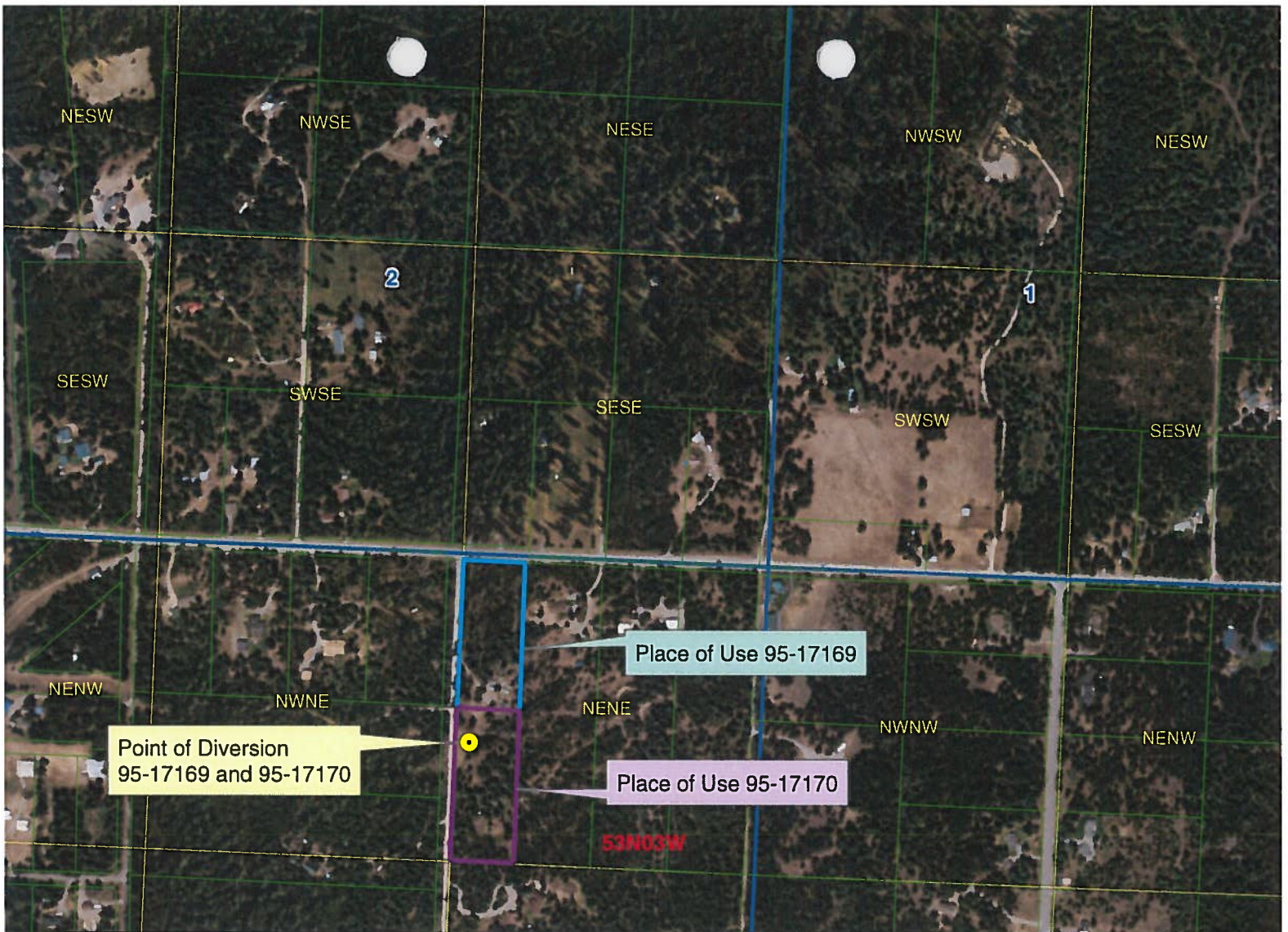
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – STAFF HYDROLOGIST

Field Examiner's Name Daniel A. Nelson Date 10-20-16

Reviewer _____ Date _____



Field Exam Map for 95-17169 and 95-17170 -- by Dan Nelson

Two tax parcels share a common well for domestic and yard irrigation for each home. Each homeowner filed there own permit.

Please Note: The tax lots bleed into the NWNE, but this portion of the tax parcel is marked as a road easement, so it wouldn't be serviced by the well. I did not include the portion of the parcel in the NWNE in the Place of Use.

Kootenai County Parcel Maps for permits 95-17169 and 95-17170



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D D0069930

Drilling Permit No 880073
Water right or injection well # _____

2. OWNER:

Name Bob Lauer
Address 10300 Howard Road
City Athol State ID Zip 83801

3. WELL LOCATION

Twp. 53 North ☒ or South ☐ Rge. 03 East ☐ or West ☒
Sec 11 1/4 NE 1/4 NE 1/4
10 acres 40 acres 160 acresGovt Lot _____ County KootenaiLat 47 • 57.6065 (Deg and Decimal Minutes)Long 116 • 39.6079 (Deg and Decimal Minutes)Address of Well Site 10300 Howard RoadTiara Lane second lot on left City Athol

Lot _____ Blk _____ Sub Name _____

4. USE

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK

☒ New Well ☐ Replacement Well ☐ Modify existing well
☐ Abandonment Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement Procedure
Dry bentonite	0	20	650	Poured

8. CASING/LINER:

Diameter (Nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6	2	420	250	Steel	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depths Ring 420

9. PERFORATIONS/SCREENS:

Perforations Y ☐ N ☒ Method _____Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (Nominal)	Material	Gauge or Schedule
400	420	0.25	120	6	Steel	250

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement Method

11. FLOWING ARTESIAN:

Flowing Artesian ☐ Y ☒ N Artesian Pressure (PSIG) _____Describe control device welded cap

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 365 Static water level (ft) 365

Water Temp (°F) _____ Bottom hole temp (°F) _____

Describe access port plug

Well test:

Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test Duration (minutes)	Pump	Bailer	Air	Flowing artesian
20	60		☐	☐	☒	☐
			☐	☐	☐	☐

Water quality test or comments: Clear cold no smell

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp	Water	
				Y	N
10	0	2	Soft Topsoil Black		X
10	2	20	Medium Sand & Gravel		X
8	20	187	Medium Sand & Gravel		X
8	187	300	Dense Sand Gravel Clay Light Brown		X
8	300	420	Loose Sand & Gravel Light Brown	X	

RECEIVED

MAY 25 2016

IDWR / NORTH

UNITED CROWN
PUMP & DRILLING
3125 W Hayden Ave. Hayden ID 83835
Office (800) 682-9641 (208) 772-7867

Completed Depth (Measurable): 420Date Started: 5/20/2016 Date Completed: 5/24/2016

14. DRILLER'S CERTIFICATION:

We/I certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name United Crown Pump & Drilling Co No 636*Principal Driller Jason Beckham Date 5/25/2016*Driller [Signature] Date 5-25-2016*Operator I [Signature] Date _____

Operator I _____ Date _____

*Signature of Principal Driller and rig Operator are required.

53N 03W 11

Nelson, Dan

From: Robert Lauer [ssexcavation@gmail.com]
Sent: Sunday, October 09, 2016 10:57 AM
To: Nelson, Dan
Subject: Fwd: House pics
Attachments: IMG_0543.JPG; IMG_0544.JPG; IMG_0545.JPG

Mr Nelson

Attached are the house photos and the plot map showing the property lines.
Please let me know if these will suffice.

Rob Lauer

----- Forwarded message -----

From: Robert Lauer <ssexcavation@gmail.com>
Date: Sat, Oct 8, 2016 at 12:23 PM
Subject: House pics
To: Bob Lauer <ssexcavation@gmail.com>, "Sammies Excavation & Landscape Inc." <sammiesexcavation@yahoo.com>

Sent from my iPhone

PHOTOGRAPHER AND DATE OF PHOTOS Pictures from Email sent 10/10/2016 by permit holder Robert Lauer

FILE NUMBER 95-17170



Nelson, Dan

From: Robert Lauer [ssexcavation@gmail.com]
Sent: Monday, October 10, 2016 10:28 AM
To: Nelson, Dan
Subject: Plat map
Attachments: image1.JPG; ATT00001.txt

Dan

Attached is a copy of the recorded plat map for Hughes Acres Permit # 95-17170 Please let me know if this copy will suffice ?

Cheers

Rob Lauer

Nelson, Dan

From: Nelson, Dan
Sent: Tuesday, September 27, 2016 2:49 PM
To: 'sammiesexcavation@Yahoo.com'
Subject: RE: Licensing of permit 95-17170

Dear Mr. Lauer and Ms. Christensen;

Our office received your proof of beneficial use statement on September 14, 2016 for permit 95-17170. This permit allowed you to develop a domestic use for in-house use and up to a ½ acre of yard irrigation from a ground water well. The permit is small enough, that with a little assistance from you, we can verify the water use without actually visiting the site, unless you wish to have someone meet with you on sight to verify the water use. I tried to contact you by telephone today, but was unable to get through.

I have been asked to review this permit to verify the water use so it can be licensed. Current Kooskia County parcel information has not been made available to the Department yet for your property. Therefore, we are not sure exactly where the property line is between you and Hughes. The warranty deed you submitted with the permit doesn't have a surveyed legal description attached to it, so there is no way I can tell how the property was divided without the plat map that was recorded with the County. Therefore, I need a copy of the plat map recorded with the county, or a surveyed land description of the property.

I also need some type of confirmation that the home has been completed and is using water. This can be done with sending me pictures of the home and the yard area.

If you haven't completed constructing the home and putting the permit to beneficial use, you can withdraw your permit until the home is built. Your permit allows you until August 1, 2017 to submit the proof of beneficial use form, but you submitted it a year early.

As I stated at the beginning of this email, if you wish to have someone come to your property to verify the use we are more than willing to accommodate that request. Please supply the information requested above or request that a Idaho Department of Water Resources employee within 30 days or by October 28, 2016. If I do not receive the requested information or a request for a field verification from you within thirty (30) days, I am required to take action to void your permits under the provision of Section 42-219(8) of the Idaho Code.

I will continue to try and call you to go over this information to avoid any confusion, but Please feel free to contact me if you have any questions. I would be more than happy to speak with by telephone or email to answer any questions you may have.

Respectfully,

Daniel Nelson
Staff Hydrologist
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)