

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

A. GENERAL INFORMATIONPermit No: 63-34022

Exam Date: 8/14/2020

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: Stacie and Jesse Poletasio
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

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

4. SOURCE TRIBUTARY
 Groundwater

Method of Determination: GIS and Taxlot DataChange 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: No water rights overlap the POU.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: No water rights overlap the POD**C. DIVERSION AND DELIVERY SYSTEM**

1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater	2		NE	NW	11	02N	03E	B.M.	Ada
								B.M.	
								B.M.	

Method of Determination: GIS and Taxlot data.Change in POD? YES Amendment Required? YES

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

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	03E	11					D												
		Lot #					L2												
Total Acres =																			

Method of Determination: GIS and Department recordsChange in POU? X N Amendment Required? X N

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0077371					

*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 possible for an in-house exam.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

According to application processing memo No. 22, domestic use for 1 home can divert up to 0.04 cfs.

Permit allowed = 0.04 cfs**Recommended for license: 0.04 cfs****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: Domestic

Because this water meets the definition of a domestic use defined by Idaho Code 42-111, a volume is not required.

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

Other:

Change in Purpose of Use? Y X N

Method of Determination: Taxlot data and GIS**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-house exam. Water use is from groundwater for year round domestic use including up to 0.5 acre of irrigation.. The property is located Southeast of Boise, ID near Lucky Peak State Park. A brief site visit was conducted on 8/14/2020 and approximately 0.3 acres was observed to have been irrigated. Proof of beneficial use was received on June 25, 2019. On the form, the permit holders sated that 2.8 acres had been irrigated. This is a simple error, as the entire parcel is 2.8 acres. It is clear from aerial imagery and the site visit that irrigation has not occurred beyond the 0.5 acre limitation. The permit holders own the property at the place of use (POU) and point of diversion (POD) according to Department records.

The application was originally filed by Philip M. Krueger and the permit was assigned to the current owners, Jesse and Stacie Poletasio. Mr. Kruger stated on the original application that the well was drilled in 1971 by W.E. Stevens and Sons. There is no drilling permit or metal tag numbers associated with this well but the driller's report included with the application lists the well owner's permit number as 63-7423. After using Department query tools to search this right, it appears it does not exist. However, Department records show that rights 63-7423A, 63-7423B, 63-7423C, 63-7092B, 63-32643 and 63-32642 all share this POD/well. It is assumed that Mr. Kruger intended to avoid drilling a new well and use this existing diversion (on the Idaho Department of Fish and Game's property through an easement) but assigned the permit to the Poletasio's who drilled a new well.

The well for this water right was drilled on February 5, 2018 by Coonse Well Drilling and is associated with metal tag No. D0077371. This well was drilled to approximately 500 feet with a water bearing zone beyond 200 feet deep. The POU and POD are in Basin 63, which is also a partially a ground-water restricted area. Ground water appropriation in this basin can be limited when shallower than 200 feet. Although the permit has a condition (930) stating the water bearing zone to be appropriated is 28 to 488 feet, this water right is exempt from the ground water restrictions because the water is sourced from depths greater than 200 feet deep. It appears the water bearing zone condition was added to the permit based on the drillers report provided with the initial application. The water use under this permit meets the definition of a domestic use as defined in Idaho Code 42-111. Therefore, it is exempt from the current restrictions on new water appropriations in the lower Boise River Basin. This is discussed in Administrative memorandum No. 59 part 3.B.

At the site visit, I gathered a GPS point of the well head and photographed the metal tag number for reference. Based on this information, the well is located in the Govt. lot 2, NENW QQ, Sec. 11, Twp. 2N, Rge. 3E. However the permit was approved with the POD is in the NESW QQ, Sec. 2, Twp. 2N, Rge. 3E. A licensing amendment will be necessary to correct the location of the POD.

Conditions 1 and 2 were removed as is standard. Condition 3 (26A) was removed at licensing. Condition 4 (187) was carried to the license. Condition 5 (930) was dropped at licensing since the water bearing zone is entirely deeper than 200 feet. Condition 6 (X01) was carried to the license. Condition 7 (004) was removed as ownership of the POU and POD are not a concern. Condition 8 (121) was changed to 103 as is standard. Condition 071 was added to the license in order to limit the domestic use to 13,000 gallons per day.

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	
<u>Totals:</u>		0.04 CFS	

2. Recommended Amendments

 X 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

J. AUTHENTICATION

Field Examiner's Name Alex Dolega Date 10/1/2020

Reviewer _____ Date _____

PHOTOGRAPHER AND DATE OF PHOTOS ALEX DALGLEISH 8/14/2020

FILE NUMBER 63-34022



Well metal tag number plate



Well head in foreground with
storage tank in background.



Storage tank.
Sandypoint Lane in background.



Irrigation occurring on SW side of home.
Pool being excavated in background.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0077371

Drilling Permit No. 0077371 084816

Water right or injection well # _____

2. OWNER:

Name Jesse Poletasio

Address 7000 E. Warm Springs Ave.

City Boise State ID Zip 83716

3. WELL LOCATION:

Twp. 2 North ☒ or South ☐ Rge. 3 East ☒ or West ☐

Sec. 11 1/4 NE 1/4 NW 1/4

Gov't Lot _____ County Ada

Lat. 43 31.856 (Deg. and Decimal minutes)

Long. 116 3.964 (Deg. and Decimal minutes)

Address of Well Site 9797 Sandy Point Ln

City Boise

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 method/procedure
3/4bentonite	0	135	3650Lbs	dry pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
6"	+2	138	.250	steel	☒	☐	☒
4.5"	60	400	sdr-17	pvc	☐	☒	☐

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☒ Y ☐ N Type pvc

Method of installation placed

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
400	500	.020	---	4.5"	pvc	sdr-17

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
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11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 257 Static water level (ft) 188

Water temp. (°F) 62degF Bottom hole temp. (°F) _____

Describe access port well cap

Well test:	Test method:
Drawdown (feet)	Pump
Discharge or yield (gpm)	Bailer
Test duration (minutes)	Air
	Flowing artesian
	☐
	☐
	☒
	☐

Water quality test or comments: _____

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	top soil		X
"	2	12	hard brown clay		X
"	12	124	cemented gravel and sand		X
"	124	138	decomposed granite		X
6"	138	156	decomposed granite		X
"	156	257	basalt		X
"	257	289	fractured basalt	X	
"	289	348	basalt		X
"	348	367	fractured basalt w/tan claystone	X	
"	367	413	basalt		X
"	413	420	fractured basalt w/tan claystone	X	
"	420	500	basalt		X

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FEB 09 2018

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 500

Date Started Jan 26, 2018 Date Completed Feb 5, 2018

14. DRILLER'S CERTIFICATION:

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

Company Name Coonse Well Drilling Co. No. 409

*Principal Driller [Signature] Date Feb 5, 2018

*Driller [Signature] Date Feb 5, 2018

*Operator II _____ Date _____

Operator I [Signature] Date Feb 5, 2018

* Signature of Principal Driller and rig operator are required.