

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

A. GENERAL INFORMATION

Exam Date: 3/25/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? ☒ 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: Dennis & Jodell Bohl

Owner of Record Correct? ☒ Y ☐ NAddress of Record Correct? ☒ Y ☐ N

If No Explain:

3. Beneficial Use Fees have been paid: ☒ Y ☐ N Receipt No: C120530.

4. Source: Tributary:

GROUND WATER

N/A

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data.

Change in Source: ☐ Y ☒ N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: ☒ No Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: There are 50+ overlapping water rights but they are all for municipal use and owned by Veolia Water Idaho Inc.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: None

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Ground Water			SW	NW	32	05N	02E	B.M.	Ada

Method of Determination: GIS and Taxlot data.

Change in POD? ☐ Y ☒ N Amendment Required? ☐ Y ☒ N

2. Place of 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	
05N	02E	32						0.1	0.7										
		Lot #																	
Total Acres =																			0.8

Place of 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	
05N	02E	32						X	X										
		Lot #																	

Method of Determination: GIS, Tax Parcel Data, and 2023 Ada County Aerial Imagery.

Change in POU? ___Y ___x___N Amendment Required? ___Y ___x___N

3. Diversion System Information:

Description:

___ Delivery System Diagram Attached. (mark all major components and distances between components)

___x___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required).

___x___ Aerial Photo Attached (required)

___ Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A	N/A	N/A	N/A	N/A	N/A

*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
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurement Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r.

E. FLOW CALCULATIONS

___Additional Computation Sheets Attached

Measured Method: (acres irrigated) x (generic diversion rate) = (0.8 acres) x (0.03 cfs/acre) = 0.024 cfs, which rounds to 0.02 cfs.

0.04 cfs is standard for one home for domestic use per Application Processing Memo #22.

0.02 cfs (irrigation) + 0.04 cfs (domestic) = 0.06 cfs total.

Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.8 \text{ acres} \times 4.5 \text{ acre feet} = 3.6 \text{ acre feet.}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 260 \times 1.9835 = 10.3 \text{ acre feet.}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.6 \text{ acre feet.}$$

2. Volume Calculations for Other Uses:

Domestic: Application Processing Memo #22 gives a standard rate of 0.6 AF for domestic use when irrigation is separated.

Comments:

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: GIS, Tax Parcel Data, 2023 Ada County Aerial Imagery, and the permit holders Statement of Completion for Proof of Beneficial Use.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office exam because it is for irrigation of 5 acres or less and it is also for domestic use for one home. The exam was conducted March 25, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Dennis & Jodell Bohl. Current Ada County taxlot data represents the permit holders own the land appurtenant to the place of use (POU) and point of Diversion (POD). Proof of Beneficial use was submitted on March 24, 2025.

Ada County aerial imagery and Google Earth imagery verified domestic use on the property. The place of use for irrigation was described as 2.0 acres on the permit. However, after further review using GIS data and Google Earth Imagery, the place of use was actually measured to be 0.8 acres. Thus, I am recommending 0.8 acres for the place of use, with a diversion rate of 0.02 cfs and an annual volume of 3.6 AF. For domestic use, I am recommending 0.04 cfs for the diversion rate and 0.6 AF for the volume, bringing the total diversion rate for this license to 0.06 cfs and the total volume to 4.2 AF.

All the conditions of this permit have been met. The permit holders' well driller's report confirms that they are in compliance with Condition 930 and Condition 165. Condition R69 will be updated to Condition X31 because the irrigation is less than one acre. Condition 046 can be dropped because the well has been completed and the permit holder has submitted their Statement of Completion of Beneficial Use. Condition X01 will be replaced by condition 132 to clarify that the irrigation is included as a separate component of the right. Condition 121 will be updated to Condition 103 per the usage description. All other conditions on the permit will be carried over to the license.

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	03/01-11/15	0.02 CFS	3.6 AF
Domestic	01/01-12/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.06 CFS	4.2 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

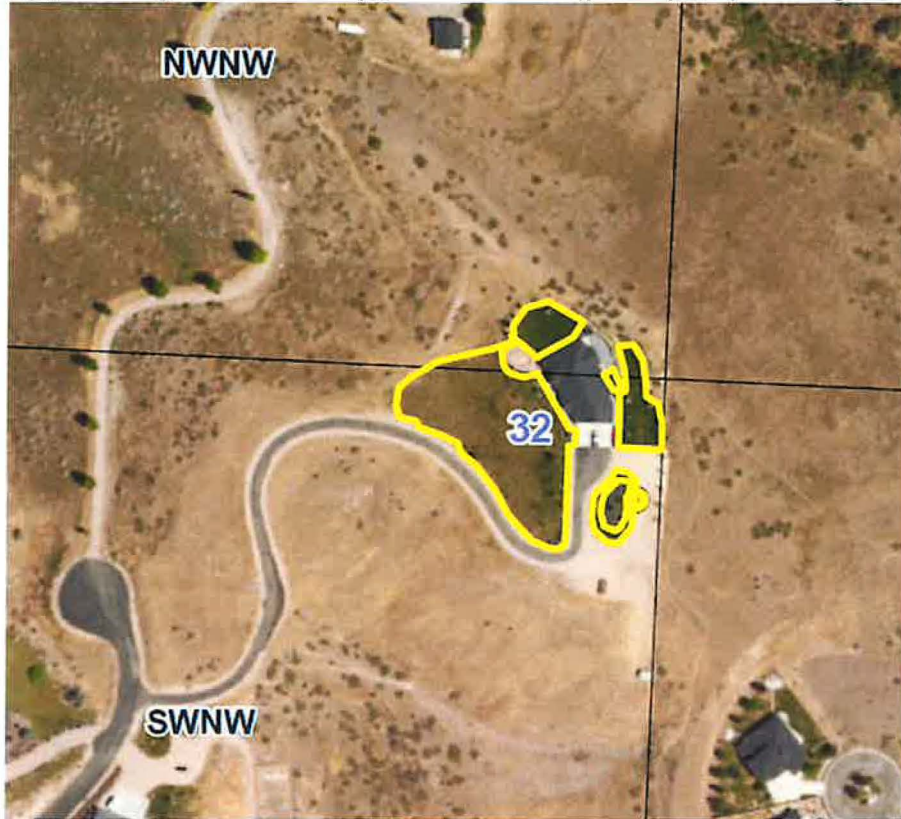
Other: < >

J. AUTHENTICATION – Jared Klay

Field Examiner's Jared Klay Date 5-21-25

Reviewer [Signature] Date 5/21/25

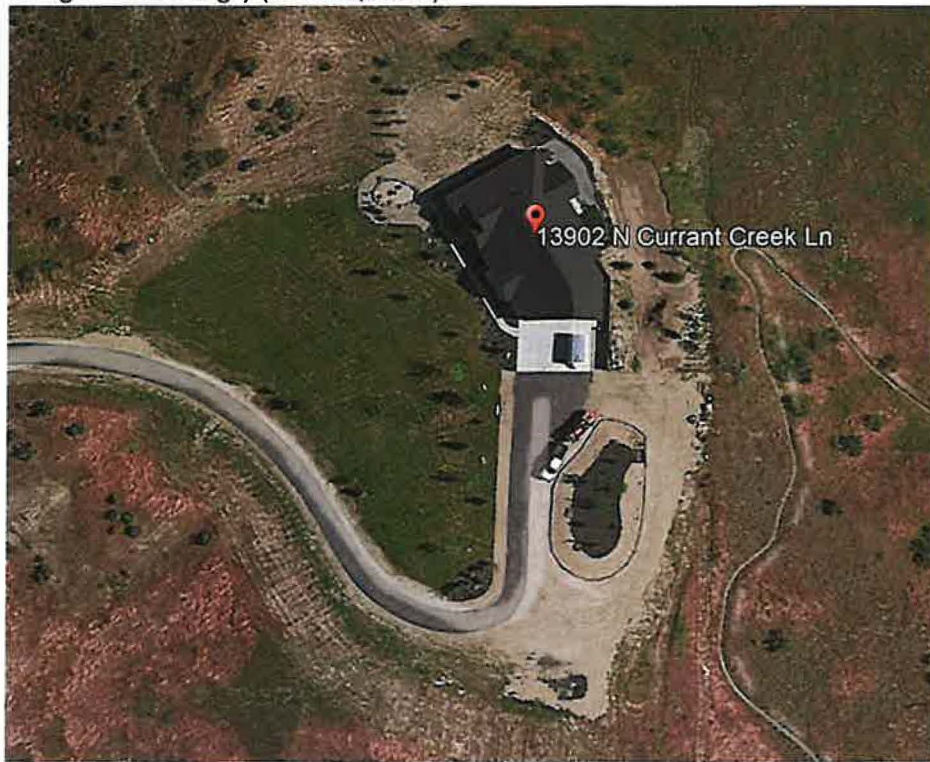
Map showing the authorized point of diversion (yellow point) and irrigated place of use (yellow outline).



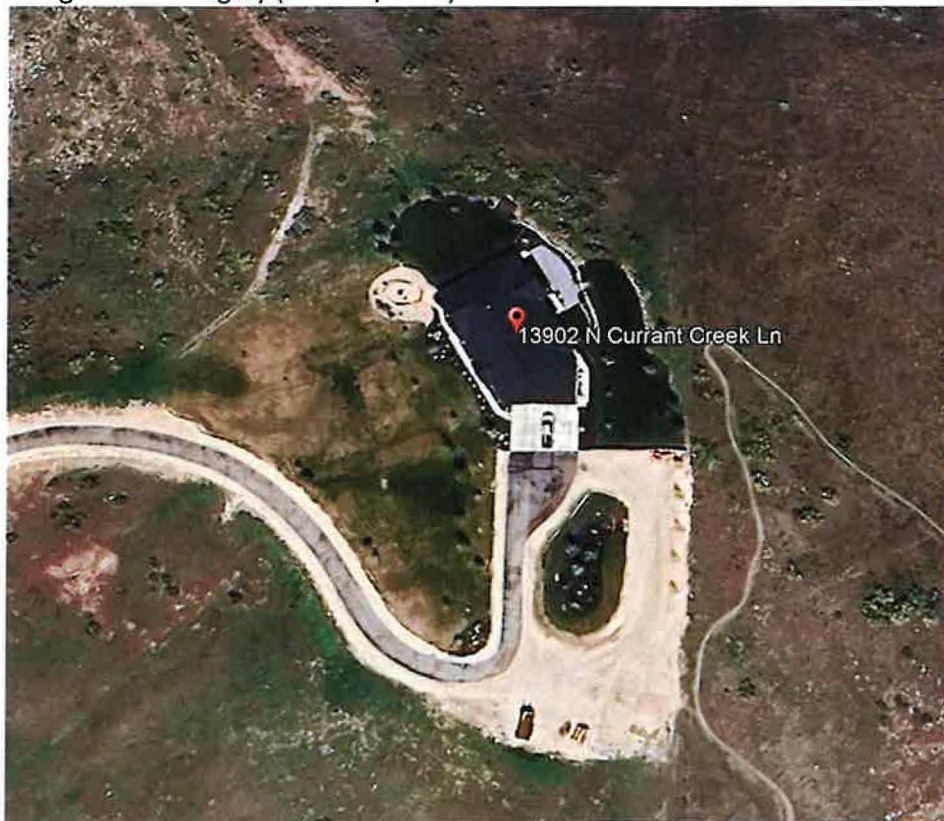
Map showing the authorized point of diversion (yellow point) and place of use (yellow outline) for domestic.



Google Earth Imagery (dated 6/2022).



Google Earth Imagery (dated 4/2024)



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED

JUN 20 2019

WATER RESOURCES
WESTERN REGION

1. WELL TAG NO. D 0082716

Drilling Permit No. 889640

Water right or injection well # _____

2. OWNER: Dennis & Jodell Bohl c/o Highland Homes

Name _____

Address 664 N Grey Pebble WyCity Eagle State ID Zip 83616

3. WELL LOCATION:

Twp. 5 North ☒ or South ☐ Rge. 2 East ☒ or West ☐Sec. 32 1/4 SW 1/4 NW 1/4Gov't Lot _____ County AdaLat. 43 43.856 (Deg. and Decimal minutes)Long. 116 114.904 (Deg. and Decimal minutes)Address of Well Site 13902 N Currant Creek 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
3/4 bentonite	0	280	3450lbs	dry pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+3	207	.280	steel	☒	☐	☐	☒
4.5"	20	280	sdr-17	pvc	☐	☒	☒	☐

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☒ Y ☐ N Type sdr-17Method of installation placed

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
280	300	.020		4.5"	pvc	sdr-17

Length of Headpipe N/A Length of Tailpipe N/APacker ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
N/A				

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) 275 Static water level (ft) 275Water temp. (°F) 56 Bottom hole temp. (°F) _____Describe access port well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
50		60	☐	☐	☒	☐

Test method:

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	1	Top soil		X
"	1	40	Sandstone		X
"	40	115	Sandstone w/sand streaks		X
"	115	138	Gray clay		X
"	138	186	Basalt		X
"	186	208	Sandstone		X
6"	208	357	Basalt	X	
"	357	363	Cinders	X	
"	363	380	Basalt	X	

Completed Depth (Measurable): 380Date Started: May 13, 2019 Date Completed: May 21, 2019

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 & Pump Co. No. 409*Principal Driller Gauge E. Coonse Date Jun 6, 2019*Driller Will Date Jun 6, 2019

*Operator II _____ Date _____

Operator I Brian A. Aldana Date Jun 6, 2019

* Signature of Principal Driller and rig operator are required.