

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

A. GENERAL INFORMATIONExam Date: 7/22/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y ___ N
- a. ___ Irrigation of 5 acres or less
b. ___ Storage of up to 14.6 AF for stockwater purposes only
c. X Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
d. ___ Other < >

Comment: The permit would not normally qualify for an in-office exam because the permit authorized irrigation greater than 5 acres. However, Department staff spoke with the permit holder on June 28th, 2024, and confirmed only domestic use and the irrigation of less than 5 acres was developed. Therefore, this permit qualifies for an in-office examination.

2. Current Owner: Paul and Pamela Tanner

Owner of Record Correct? X Y ___ NAddress of Record Correct? X Y ___ N

If No Explain: N/A

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

4. Source: Groundwater Tributary: N/A

Method of Determination: GIS, Tax Parcel Data, and the Permit Holders Statement of Completion for Proof of Beneficial Use (Proof Statement).

Change in Source: ___ Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X No Overlap

Water Right No.	Source	Purpose of Use	Basis
63-11413	Groundwater	Municipal	Decree
63-12448	Groundwater	Municipal	Decree

Comments: The place of use is within the service area of the City of Eagles Municipal water rights. However, since domestic in house and up to ½ an acre of yard irrigation was confirmed, it is unlikely the home or irrigation system is connected to the municipal system. Therefore, it is unlikely there is any overlap.

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

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: N/A**C. DIVERSION AND DELIVERY SYSTEM**

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SE	NE	16	05N	01W	B.M.	Ada

Method of Determination: GIS, Tax Parcel Data, and Well Report.Change in POD? ___ Y X N Amendment Required? ___ Y X 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	01W	16				0.3													0.3
		Lot #																	
																		Total Acres =	0.3

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	01W	16				D													N/A
		Lot #																	N/A

Method of Determination: GIS, Tax Parcel Data, 2023 NAIP, and 2023 Esri Aerial Imagery. The permit also authorized stockwater use. However, after a phone conversation with the permit holder on July 2nd, 2024, they confirmed only domestic use and irrigation was developed. Therefore, I recommend stockwater use be removed from the license.

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

3. Diversion System Information:

Description: N/A

 Delivery System Diagram Attached. (mark all major components and distances between components) X Aerial Photo indicating the location of the recommended POD and POU. 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					

*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						

2. Measurement Comments: The permit holder did not provide pump horsepower. Therefore, a theoretical diversion rate calculation is not possible.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: Since the permit holder did not provide a pump horsepower a theoretical diversion rate calculation was not possible. According to Administrative Application Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs. According to Administrative Application Processing Memo #22 the standard diversion rate for a single-family home is 0.04 cfs. I am recommending a diversion rate of 0.04 cfs for domestic use, 0.01 cfs for irrigation, or 0.05 cfs total.

(0.3 acres) * (0.03 cfs/acre) = 0.009 cfs or 0.01 cfs rounded

Administrative Application Processing Memo #17 Calculation = 0.01 cfs

Administrative Application Processing Memo #22 Standard = 0.04 cfs

Permit allowed = 0.25 cfs

Total Recommended Diversion Rate: 0.05 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.3 \text{ acres}) \times (4.5 \text{ af/acre}) = 1.35 \text{ or } 1.4 \text{ af rounded}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.01 \text{ cfs}) \times (260 \text{ days}) \times (1.9835 \text{ af/day}) = 5.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.4 \text{ af}$$

2. Volume Calculations for Other Uses: : The permit authorized domestic use with a separate irrigation portion. According to Administrative Application Processing Memo #22 the standard diversion volume for a single domestic use with internal use only is 0.6 af. I am recommending a diversion volume of 0.6 af for in-house domestic use, 1.4 af for irrigation, or 2.0 af total.

G. PURPOSE OF USEIrrigation X Y N # Stock N/A Domestic # of Homes 1 Change in Purpose of Use? Y X N

Method of Determination: Tax Parcel Data, a phone conversation with the permit holder on July 2nd, 2024, 2023 Esri and NAIP Aerial Imagery, and the permit holders Proof Statement.

H. NARRATIVE/REMARKS/COMMENTS

This permit would not have qualified for an in-office exam because the permit authorized 10.1 acres of irrigation. However, after a phone conversation with Department staff on June 28th, 2024, the current permit holder confirmed only domestic use and irrigation less than 5 acres was developed. Therefore, this permit would qualify for an in-office examination. Additionally, I recommend stockwater be removed from the license. The permit originally authorized in-house domestic use, stockwater and 10.1 acres of irrigation. The permit was reassigned to the current permit holders in 2021. The visual property boundary and Tax Parcel boundary were inconsistent. The place of use boundary was adjusted according to the visual property boundary. According to 2023 Esri Aerial Imagery 0.3 acres of irrigation was confirmed within the development period.

During the advertisement process this application and applications 63-34386-34399, and 63-34423 were protested by two separate entities over concerns there could be reductions in the regional aquifer leading to injury to local water users. A stipulated agreement was reached in 2018. A condition on the agreement required the original applicant, Dahl Sheep LLC install a measurement tube of at least one inch above the well drilled in Lot 8. However, the condition was put on all the permits. Currently there is no information available outside of contacting the permit holder to indicate a measuring tube was installed on the well. Nick Miller, the Regional Manager for IDWR's Western Regional Office played a role in the contested case process for the protested applications. He was contacted via email on July 2nd, 2024. In a response on July 16th, 2024, Mr. Miller explained he sees no reason why the condition was added to all the permits and not just the permit for Lot 8. Therefore, I recommend that this condition should be waived on this permit at licensing. Two conditions on the permit require the permit holder to have a well drilled using a mud rotary drilling method and the water temperature not being greater than 85° F. According to the well log the well was drilled using a mud rotary drilling method and the water temperature was 75.6° F. The standards set in Administrative Application processing Memo #22 and #17 were used to make a diversion rate and volume recommendation. All of the conditions have been met, and development of a beneficial use was confirmed within authorization on the permit Therefore, I am recommending total diversion rate of 0.05 cfs and 2.0 af total diversion volume.

Conditions 01M, 020, 073, and X59 should remain on the permit. Condition R65 should be changed to X31 because irrigation is less than 1 acre. Condition WB5 should be changed to 132 because that condition is a better description of the developed use. Condition 121 should be changed to 103 as is the standard with licensing. Condition #3 on the permit should be removed because it has been deemed irrelevant by the Department for this license because of the confirmed developed beneficial use and circumstances of the stipulated agreement between the permit holder and protestant. Condition #5 on the permit should be removed because the permit holder had a well drilled using a mud rotary method. Condition 076 should be removed because only one point of diversion was developed. Condition X02 should be removed because the applicant confirmed they did not develop stockwater use. Condition 046 should be removed because the permit holder had a well drilled meeting the drilling permit requirements of Idaho Code §42-235 and applicable Well Construction Rules of the Department. Condition 26A should be removed as is the standard with licensing.

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>
Irrigation	03/01-11/15	0.01 CFS	1.4 AF
Domestic	01/01-12/31	0.04 CFS	0.6 AF
	<u>Totals:</u>	0.05 CFS	2.0 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

J. AUTHENTICATIONField Examiner: **Skyler Cheever – Water Resource Agent**Field Examiner's  Date 8/13/2025Reviewer  Date 8/19/25

Field Exam Map

Map showing the authorized point of diversion (yellow point), domestic place of use (orange boundary), and irrigated place of use (green outline).



Esri 2023 Aerial Imagery

Imagery confirmed irrigation of 0.3 acres occurred within the authorized place of use.



Form 238-7
6/07IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0077196

Drilling Permit No. 086248

Water right or injection well # _____

2. OWNER:

Name Tom SelfinAddress 1036 E. Iron Drive, Ste 100City Eagle State ID Zip 83616

3. WELL LOCATION:

Twp. 5 North ☒ or South ☐ Rge. 1 East ☐ or West ☒Sec. 16 1/4 SE 1/4 NE 1/4Gov't Lot _____ County AdaLat. 43 ° 46.449 (Deg. and Decimals minutes)Long. 116 ° 27.474 (Deg. and Decimals minutes)Address of Well Site Hwy 16, 1/2 mile East on ChaparralCity EagleLot 15 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
Cement Grout	4'	315'	1.9 yds	Pumped Tremmie
3/4" Bentonite	0	4'	.25 yds	Poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
6"	+2'	37'	.250	Steel	☒	☐	☒
4.5"	37'	337'	SDR17	PVC	☐	☒	☐
4.5"	377'	477'	SDR17	PVC	☐	☒	☐
4.5"	517'	617'	SDR17	PVC	☐	☒	☐

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☒ Y ☐ N Type PVCMethod of installation Set In

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
337'	377'	.020	40	4.5"	PVC	SDR 17
477'	517'	.020	40	4.5"	PVC	SDR 17
617'	697'	.020	80	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
8x16 Silica	315'	697'	3.04 yds	Poured

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) 310 ft. Static water level (ft) 296 ft.Water temp. (°F) 75.6° Bottom hole temp. (°F) 75.6°Describe access port Well Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
100 ft.	70 gpm	240 min

Test method:

Pump	Bailer	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
18"	0	4'	Tan Sand		X
10"	4'	6'	Tan Clay		X
10"	6'	26'	Tan Sand		X
8"	26'	42'	Tan Clay		X
8"	42'	51'	Tan Sand		X
8"	51'	85'	Tan Clay		X
8"	85'	115'	Tan Clay with Sandstrips		X
8"	115'	160'	Tan Clay		X
8"	160'	177'	Tan Sand		X
8"	177'	192'	Tan Clay		X
8"	192'	201'	Red Sand		X
8"	201'	250'	Tan Clay with Sandstrips		X
8"	250'	263'	Tan Clay		X
8"	263'	310'	Red Sand		X
8"	310'	320'	Blue Clay		X
8"	320'	350'	Blue Pea Gravel	X	
8"	350'	630'	Blue Clay with Cracks	X	
8"	630'	638'	Blue Sand	X	
8"	638'	642'	Blue Clay with Cracks	X	
8"	642'	658'	Blue Clay		X
8"	658'	662'	Blue Sand	X	
8"	662'	682'	Blue Clay with Cracks	X	
8"	682'	695'	Blue Sand	X	
8"	695'	697'	Blue Clay		X

RECEIVED

JUN 28 2018

WATER RESOURCES
WESTERN REGIONCompleted Depth (Measurable): 697 ft.Date Started: 6/4/2018Date Completed: 6/13/2018

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 Post Drilling Inc.Co. No. 670*Principal Driller [Signature] Date 6/22/2018*Driller [Signature] Date 6/22/2018*Operator II [Signature] Date 6/22/2018

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.