

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

A. GENERAL INFORMATION

Permit No: 63-34390

Exam Date: 8/27/2024

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. ☒X Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

2. Current Owner: Name: Tyler Hale
Owner of Record Correct? ☒X ☐Y ☐N
Address of Record Correct? ☐Y ☒X ☐N
If No: Address 8900 N Bullwinkle Ln
Eagle, ID 83616

3. Fees have been paid: ☒X ☐Y ☐N Receipt No: C118514 (from proof of B/U)

4. SOURCE

Ground Water

Method of Determination: ArcMap, Statement of Completion

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

1. Other water rights with the same place of use: ☐NONE

Water Right No.	Source	Purpose of Use	Basis
63- 32089	Ground Water	Municipal	License
63-12448	Ground Water	Municipal	License
63-11413	Ground Water	Municipal	License

Comments: Overlapping municipal water rights do not interfere with domestic water right 63-34390.

2. Other water rights with the same point of diversion: ☒X NONE

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

Comments: No overlapping water rights from POD for 63-34390

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water			NE	NE	16	05N	01W	B.M.	ADA

Method of Determination: Arc Map and drillers report.

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

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	
05N	01W	16	X																
		Lot #																	
Total Acres =																			

Method of Determination: ArcMap

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

3. X 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).

X 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
D0078597	N/A	3	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. Measurements: No measurement was taken. Review is consistent with IDAPA 37.03.02.035.01(r).

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measurement = No measurement required.**Permit allowed = 0.31 cfs****License recommend for 0.04 cfs.**Theoretical flow calculation: $(8.8 \times 3\text{hp} \times 0.80) / [407 + (65 \times 2.31)] = 21.12 / 557.15 = 0.038$

Permit Domestic: 0.04cfs for one home

BU Standard domestic: 0.04cfs for one home (AP memo 22)

F. VOLUME CALCULATIONS

2. Volume Calculations for Other Uses:

Domestic 0.6 AF (Application Processing Memo 22)

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

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Proof of beneficial use and verbal confirmation from permit holder determined that domestic is the only beneficial use that has been developed.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit was obtained by the subdivision, Moose on the Loose Development Company to provide water to individual parcels. As lots are sold, the applicant or new owner develops a well and can use water for the purposes listed in the permit. This permit included 0.26 cfs irrigation, 0.01 cfs stock water, and 0.04 cfs domestic. After speaking with the owner, it was confirmed that the owner has only developed beneficial use for a single domestic household, appropriating 0.04cfs for his household. This permit for licensing qualifies for an in-house exam. There are three overlapping water rights, although they are not a concern since they are all municipal and this permit is not supplementary to a municipal water share. The well (point of diversion) was drilled for this parcel and does not supply water to any other water rights or permits. A theoretical flow measurement was calculated using the PSI and horsepower provided by the owner via phone call as well as a conservative lift estimate and assumed 80% efficiency. This resulted in 0.038cfs which can be rounded to 0.04cfs, proving adequacy for the owner's delivery system.

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 – 12/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.04 CFS	0.6 AF

2. Recommended Amendments☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ X ☐ None☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ X ☐ None**J. AUTHENTICATION**

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Field Examiner's Name Kate Englund Date 8/27/2024

Reviewer Cody R Date 01/09/25

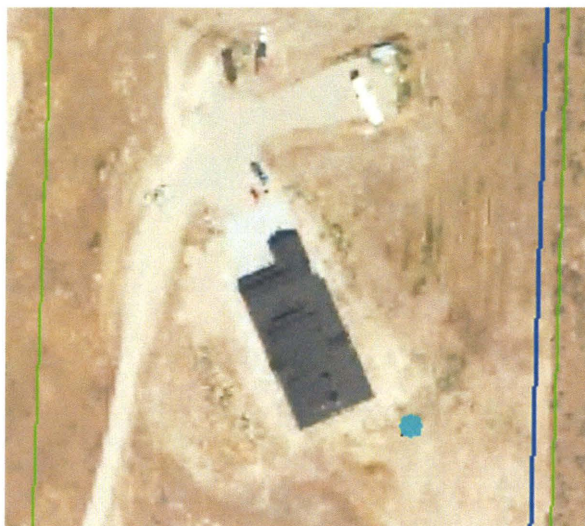


Figure 1 Aerial image demonstrating well location in relation to the domestic household.



Figure 2 Photo of point of diversion (well head) provided by water user.

Englund, Kate

From: Tyler Hale <tbhale@protonmail.com>
Sent: Thursday, August 29, 2024 10:45 AM
To: Englund, Kate
Subject: Re: Request for Information 63-34390
Attachments: 20240829_103258.jpg

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

Attached is a wellhead picture. Pump is 3 hp and putting out 65 psi.

Sent from Proton Mail Android

----- Original Message -----

On 8/23/24 11:01, Englund, Kate wrote:

Hey Tyle,

We spoke yesterday about collecting more information to process an in-house examination to license the water permit on your property. I sent a letter yesterday requesting more information to your physical address, which you can disregard now that we are in communication and instead can respond to this email with information. Since you are only using this permit for domestic use, all I need is a photo of your well head and any well pump information that you can find. The horsepower and psi are crucial to be able to process this examination in house rather than scheduling a visit.

I appreciate your help.

Kate
Water Resources Agent

Form 238-7
6/07

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IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0078597

Drilling Permit No. 886449

Water right or injection well # _____

2. OWNER: _____ Page 1 of 2

Name Moose on the Loose Development / Tom SellinAddress 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 NE 1/4 NE 1/4Gov't Lot _____ County AdaLat. 43 ° 46.672 (Deg. and Decimal minutes)Long 116 ° 27.216 (Deg. and Decimal minutes)Address of Well Site Hwy 16, 1/2 mile East on ChaparralCity EagleLot 5 Blk. _____ Sub. Name Moose on the Loose

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	1	40'	1,400 lbs	Poured
Cement/Grout	40'	425'	2.6 yds	Pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner Threaded Welded
6"	+1'	23'	.250	Steel	☒ ☐ ☐ ☒
4.5"	23'	463'	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
463'	803'	.020	-	4.5"	PVC	SDR17

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
Silica 8/16	425'	803'	3.75 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) 445 ft. Static water level (ft) 397 ft.Water temp. (°F) 79.3° Bottom hole temp. (°F) 81.2°Describe access port Well Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
-	12 gpm	720 min	☒	☐	☐	☐
			☐	☐	☐	☐

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	
18"	0	1'	Top Soil	Y	N
18"	1'	6'	Tan Sand		X
18"	6'	7'	Tan Clay		X
12"	7'	15'	Tan Clay		X
12"	15'	42'	Tan Clay with Gravel		X
8"	42'	55'	Tan Clay with Gravel		X
8"	55'	130'	Tan Sandy Clay		X
8"	130'	138'	Tan Sand		X
8"	138'	176'	Tan Clay		X
8"	176'	182'	Tan Sand		X
8"	182'	203'	Tan Silty Clay		X
8"	203'	209'	Tan Sand		X
8"	209'	273'	Tan Silty Clay		X
8"	273'	283'	Tan Sand & Pea Gravel		X
8"	283'	285'	Tan Sticky Clay		X
8"	285'	288'	Tan Sand & Pea Gravel		X
8"	288'	291'	Tan Sticky Clay		X
8"	291'	293'	Tan Silty Clay		X
8"	293'	296'	Tan Sand		X
8"	296'	298'	Tan Silty Clay		X
8"	298'	301'	Tan Sand		X
8"	301'	304'	Tan Clay		X
8"	304'	308'	Tan Sand		X
8"	308'	310'	White Decomposed Granite		X
8"	310'	375'	Tan Silty Clay		X
8"	375'	415'	Tan Sticky Clay		X
8"	415'	445'	Blue Silty Clay		X
8"	445'	447'	Blue Sand	X	
8"	447'	468'	Blue Silty Clay		X
8"	468'	470'	Blue Sand	X	
8"	470'	485'	Blue Sticky Clay		X
			(Continued on Pg 2)		

Completed Depth (Measurable): 803 ft.Date Started: 6/4/2018 Date Completed: 7/6/2018

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. 670Principal Driller [Signature] Date 07/23/2018Driller [Signature] Date 7/23/2018Operator II _____ Date 7/23/2018

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

RECEIVED

SEP 11 2018

WATER RESOURCES
WESTERN REGION

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

* Signature of Principal Driller and rig operator are required.