

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

A. GENERAL INFORMATIONExam Date: 5/14/2026

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.q)? 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: N/A

2. Current Owner: Catherine Adams

Owner of Record Correct? X Y NAddress of Record Correct? X Y NIf No Explain: N/A

3. Beneficial Use Fees have been paid: X Y N Receipt No: N045974

4. Source: Groundwater Tributary: N/A

Method of Determination: GIS, Idaho 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: Overlap ? Yes X No

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

Comments: There are no other Water Rights (WR) overlapping the permitted place of use (POU).

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

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

Comments: There are no other WR overlapping the permitted point of diversion (POD).**C. DIVERSION AND DELIVERY SYSTEM**

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	Sec.	Twp.	Rge.		County
Groundwater		NE	NE	20	44N	05W	B.M.	Benewah

Method of Determination: GIS, Idaho Tax Parcel Data, Well Log.Change in POD? Y X N Amendment Required? Y X N

Place of Use: Domestic, Stockwater

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
44N	05W	20	D,S																D,S
		Lot #																	

Method of Determination: GIS, Idaho Tax Parcel Data, May 2023 Google Earth Aerial Imagery, and 2025 NAIP Aerial Imagery.

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: No measurement is required for permits qualifying for an in-office examination according to the IDAPA Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: According to Administrative Application Processing Memo #22 the standard diversion rate for domestic use of a single home is 0.04 cfs. According to the 1982 Annual Stockwater Use Table the standard diversion rate for 8 horses is 0.02 cfs. I am recommending a 0.04 cfs diversion rate for domestic use and 0.02 cfs for stockwater use or 0.06 cfs total.

Administrative Application Processing Memo #22 Standard = 0.04 cfs

Administrative Application Processing Memo #22 Standard = 0.02 cfs

Permit allowed = 0.06 cfs

Total Recommendation = 0.06 cfsComments: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{(N/A)}$$

I.R.

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{(N/A)}$$

D.R.

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{(N/A)}$$

2. Volume Calculations for Other Uses: According to May 2023 Google Earth and 2025 NAIP Aerial Imagery both internal and external domestic use were developed within the development period. According to Administrative Application Processing Memo #22 the standard for a single domestic use is 0.6 af for internal and 0.6 for external use or 1.2 af total. According to the 1982 Annual Stockwater Use Table the standard diversion rate for 8 horses is 0.2 af. I am recommending a diversion volume of 1.2 af for domestic use and 0.2 for stockwater or 1.4 af total.

Comments: N/A

G. PURPOSE OF USEIrrigation Y X N # Stock 8 Horses Domestic # of Homes 1 (internal and external)Change in Purpose of Use? Y X NMethod of Determination: GIS, Idaho Tax Parcel Data, May 2023 Google Earth/2025 NAIP Aerial Imagery, and the permit holders Proof Statement.**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-office licensing examination. The permit authorized internal and external domestic use for one home, stockwater for 8 horses and commercial use for a greenhouse diverting from groundwater. The permit holder indicated on their Proof Statement commercial use was not developed. May 2023 Google Earth/2025 NAIP Aerial Imagery confirmed internal/external domestic use and stockwater use was developed within the development period. May 2023 Aerial Imagery confirmed stockwater use due to horses located in the NW portion of the property. The Idaho Tax Parcel Boundary and visual property boundary were not consistent. The recommended POU was determined using the visual property boundary. The standards set in Administrative Application Processing Memo #22 and 1982 Annual Stockwater Use Table were utilized to make a diversion rate a volume recommendation. All conditions of permit approval have been met, and development of beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a 0.06 cfs diversion rate and 1.4 af diversion volume.

Conditions X01 and 187 should remain on the license. Condition #4 on the permit should be removed because the permit holder confirmed commercial use was not developed on their Proof Statement. Condition X02 should be removed as standard with licensing. 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 004 should be confirmed because Idaho Tax Parcel Data confirmed there are no legal access concerns to the POD or POU.

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	1.2 AF
Stockwater	01/01-12/31	0.02 CFS	0.2 AF
	Totals:	0.06 CFS	1.4 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**Field Examiner: **Skyler Cheever – Water Resource Agent, Sr – State Office**Field Examiner's  Date 5/14/2026Reviewer  Date 5/26/2026

Field Exam Map

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



May 2023 Google Earth Aerial Imagery



IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

47' 8.872
116' 59.029

1. WELL TAG NO. D D0079890

Drilling Permit No. 891295

Water right or injection well # _____

2. OWNER: Catherine Adams

Name _____

Address P.O. Box 238

City Desmet State ID Zip 83824

3. WELL LOCATION:

Twp. 44N North ☒ or South ☐ Rge. 05W East ☐ or West ☒

Sec. 20 10 acres 1/4 NE 1/4 NE 1/4

Gov't Lot _____ County Benewah

Lat. 47 a 14794 (Deg. and Decimal minutes)

Long. 116 a 98402 (Deg. and Decimal minutes)

Address of Well Site 3540 Desmet Rd.

City Desmet

(Give at least name of road + distance to road or landmark)

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
Bentonite	0	38	1500 lbs.	Overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Linear	Threaded	Welded
6"	+2	443	.250	Steel	☒	☐	☐	☒
5"	-430	620	.250	Steel	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 443'

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Torch Cut

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
600	620	3/8x8	84	5"	Steel	.250

Length of Headpipe _____ Length of Tailpipe _____

Packer ☒ Y ☐ N Type K-Packers

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) N/A

Describe control device Artesian rubber seal installed

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 275 Static water level (ft) 0

Water temp. (°F) Cold Bottom hole temp. (°F) Cold

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
	15	

Test method:

Pump	Boiler	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	3	Top Soil		X
10	3	38	Tan Clay		X
8	38	45	Tan Clay		X
8	45	90	Red Clay		X
8	90	128	Tan Clay		X
8	128	133	Lt. Tan Clay		X
8	133	170	Red Clay		X
8	170	202	Tan Clay		X
8	202	250	Gray Clay		X
8	250	270	Lt Brown Clay		X
8	270	433	Drk Brown Clay 2 gpm @275'	X	
8	433	445	Black Clay		X
6	445	455	Basalt		X
6	455	457	Tan Shale w/ 1/2 gpm	X	
6	457	520	Gray Shale		X
6	520	590	Brown Clay		X
6	590	620	Basalt	X	

RECEIVED

OCT 03 2019

IDWR/NORTH

Completed Depth (Measurable): 620'

Date Started: Sep 19, 2019

Date Completed: Sep 30, 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 H2O Well Service Inc. Co. No. 448

*Principal Driller [Signature] Date 10-1-19

*Driller [Signature] Date 10-2-19

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.