

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-18150
Exam Date: 05/06/2025

1. Current Owner:
SAMUEL HANNA PO BOX 22 ATHOL ID 83801-0022 AND/OR
BRIDGET HANNA PO BOX 22 ATHOL ID 83801-0022
2. Accompanied by: In-office exam
Phone No:
Address:
Relationship to permit Holder:

3. **SOURCE:**
GROUND WATER

Method of Determination: application and permit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
95-17394A	Carewood Creek	Administrative	Recommendation
95-17394B	Unnamed Stream	Administrative	Recommendation
95-17394C	Unnamed Stream	Administrative	Recommendation
95-17405A	Carewood Creek	Administrative	Recommendation
95-17405B	Unnamed Stream	Administrative	Recommendation
95-17405C	Unnamed Stream	Administrative	Recommendation

Comments: See comments

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

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER NW¼ NE¼, Sec. 33, Twp 54N, Rge 03W, B.M. BONNER County

Method of Determination: Application, permit, ArcMap and well drillers log

PLACE OF USE: DOMESTIC

[illegible]

Method of Determination: application, permit, ArcMap and Bonner County

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

 x Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

 Aerial Photo Attached (required for irrigation of 10+ acres).

 Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0055613					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: no measurements were taken

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$

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

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

2. Volume Calculations for Other Uses: 1.2 af for domestic indoor and ½ acre of irrigation, standard volume according to current policy and Administrative Memo # 22.

G. NARRATIVE/REMARKS/COMMENTS: ArcMap and Bonner County confirmed dwelling on site and lists permit holder as current owner or property. Well was drilled for Brian Tighe in October 2009. Mr. Tighe sold it to the Hanna's (current owner) in November 2009.

No water rights overlap this right. There are some administrative recommendations for fire suppression, road construction, dust abatement, etc. for the USDA Forest Service. Large places of use. 95-17394A, 17394B, 17394C, 17405A, 17405B and 17405C

This is a domestic use with up to ½ acre of irrigation. Volume will be 1.2 af based on Application Processing Memo #22.

Place of use in Lot 2, Cider Meadows Subdivision.

Removed condition 046.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.04 CFS	1.2 AF

2. Recommended Amendments

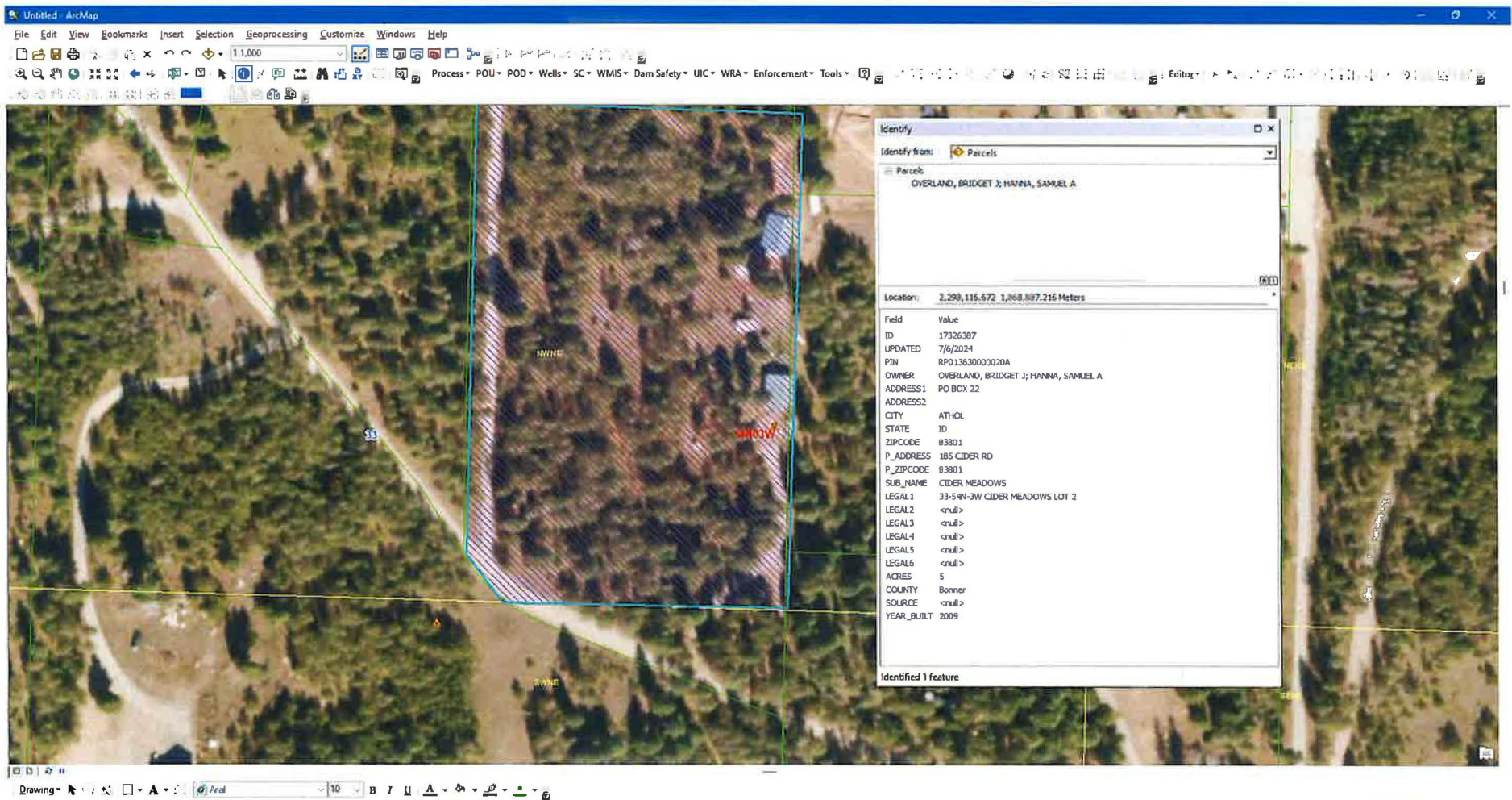
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION Jean Hersley - Technical Records Specialist 2

Field Examiner's Name Jean Hersley Date 5-6-25

Reviewer HH Date 5/8/25



2298311.406 1868938.81 Meters

ArcMap shows structure on property and lists permit holders as current owners.

Public Mapping Application

185 Cider Rd, Athol

Parcel

PIN	RP013630000020A
Owner1	Overland, Bridget J
Owner2	Hanne, Samuel A
Property Class Description	537-Resid improv on cet 15
Tax Code Area	620000
Last Assessed Value	437686
Acres	6.210
Legal Description	33-54N-3W CIDER MEADOWS LOT 2
Deed1:	76.3567
Deed2:	
Deed3:	
Deed4:	
Deed5:	

Zoom to 2 of 2

Maver, Microsoft, Esri, HERE, Garmin, IPC

Powered by Esri

Bonner County shows structure on property and lists permit holders as current owners.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only		
Inspected by		
Twp	Rge	Sec
1/4	1/4	1/4
Lat		Long

1. WELL TAG NO. D 0055613

DRILLING PERMIT NO. 853664
Other IDWR No. _____

2. OWNER:

Name BRIAN TIGHE
Address PO BOX 669
City CLARK FORK State ID Zip 83811

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

Twp. <u>54</u>		North ☒ or South ☐	
Rge. <u>3</u>		East ☐ or West ☐	
Sec. <u>33</u>		SW 1/4 NE 1/4 NW 1/4	
Gov't Lot		County <u>BONNER</u>	
Lat		Long	
Address of Well Site <u>CIDER RD OFF HOMESTEAD</u>			
RD <u>ATHOL</u> City <u>ATHOL</u>			
Lt. _____ Bk. _____ Sub. Name _____			

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK: check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES:

Seal/Filter Pack			AMOUNT Sacks or Pounds	METHOD
Material	From	To		
BENTONITE	0	18	400#	TEMP CASE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 172

Was drive shoe seal tested? ☒ Y ☐ N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1.5	172	.250	STEEL	☒	☐	☒	☐

Length of Headpipe _____

Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

85 ft. below ground Artesian pressure N/A ft.
Depth flow encountered 150 ft Describe access port or control devices: WELL CAP

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
<u>50</u>	<u>165</u>	<u>165</u>	<u>1.5 HR</u>

Water Temp. COLD Bottom hole temp. COLD

Water Quality test or comments: _____

Depth first Water Encounter 150

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water
8	0	18	BOULDERS/GRAVEL	
6	18	30	BOULDERS/GRAVEL	
6	30	55	GRAVEL/SAND	
6	55	150	GRANITE SAND/GRAVEL	
6	150	165	GRANITE SAND/GRAVEL/WATER	X
6	165	172	GRAVEL/SAND/WATER	X

RECEIVED

OCT 16

IDWR/North

Completed Depth 172 (Measurable)
Date: Started 10/1/2008 Completed 10/1/2008

13. DRILLER'S CERTIFICATION:

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

Company Name MINDEN WATER WELLS, INC. Firm No. 320

Firm Official Edward C. Mabe Date 10/7/2008

and Driller or Operator [Signature] Date 10/7/2008
(Sign once if Firm Official & Operator)

54N 03W 33

FORWARD WHITE COPY TO WATER RESOURCES

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 95-18150
 Reviewer: Jean Hersley
 Date of Review: 5/6/2025

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	1.5	2	1
BOOSTER HORSEPOWER	0	0	0
PUMPING LEVEL	165	165	165
DISCHARGE PRESSURE	45	50	55
RATE OF FLOW (cfs)	0.03	0.04	0.02
		avg	0.03

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes: Diversion system information from the permit holder, email received 08/16/2018
 Assumed discharge pressure scenarios of 45, 50 and 55. Since the above calculation contains several assumptions but the calculation supports the maximum output indicated by the permit owner (22 gal/min or 0.05 cfs).



783567

Sandpoint Title Insurance, Inc.

After recording mail to: Grantee

WARRANTY DEED

Escrow No.: 56464-LP

FOR VALUE RECEIVED

Brian T. Tighe, An Unmarried Man

the grantor, do(es) hereby grant, bargain, sell and convey unto

Bridget J. Overland, A Single Woman and Samuel A. Hanna, A Single Man

whose current address is P.O. Box 121 Athol, ID 83801

the grantees, the following described premises, in Bonner County, Idaho, TO WIT:

Lot 2 of Cider Meadows, according to the plat thereof, recorded in Book 9 of Plats, Page 144, records of Bonner County, Idaho.

Reserving therefrom an easement for ingress, egress, and utilities on, over and across that portion of said land designated "30' ingress, egress and utility easement for Lot 1" on said Plat.

Together with an easement 30 feet in width, being 15 feet on each side of the centerline of Cider Road, for ingress, egress and utilities from Homestead Road to the Westerly line of the above described tract.

TO HAVE AND TO HOLD the said premises, with their appurtenances unto the said Grantee, heirs and assigns forever. And the said Grantor does hereby covenant to and with the said Grantees, that they are the owners in fee simple of said premises; that they are free from all encumbrances Except: Current Year Taxes, conditions, covenants, restrictions, reservations, easements, rights and rights of way, apparent or of record.

And that (s)he will warrant and defend the same from all lawful claims whatsoever.

Dated: November 20, 2009

Brian T. Tighe
 Brian T. Tighe

STATE OF IDAHO }
) SS.
 COUNTY OF BONNER }

On this 20 day of November, 2009 before me, a Notary Public in and for said state, personally appeared Brian T. Tighe known, or identified to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Residing at: Sandpoint
 Commission Expires: 11/20/15



2009 NOV 20 P 3:22
 MARIE SCOTT
 BONNER COUNTY RECORDER
 DEPUTY

SANDPOINT TITLE INSURANCE
 FILED BY