

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

A. GENERAL INFORMATIONPermit No: 95-17940Exam Date: 7/1/2021

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

2. Current Owner: Name: James R. Miller
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

The Department's parcel data shows Miller Family Trust as the owner of the property. The agreement signed by Mr. Miller with the Hayden Lake Irrigation Company states that Mr. Miller is a trustee of the Miller Family Trust, so I don't foresee any issues with the ownership of this property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: N037097

4. **SOURCE** **TRIBUTARY**

Ground Water

Method of Determination: GIS, Well Driller's Report, and Tax Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
95-7234	Ground Water	Municipal	Decree

Comments: A review of the file shows that this property was connected to a public drinking supply system called Hacienda Hills Water Company with water right number 95-7234 and Public Water Supply number ID1280079. On June 30, 2021, I called the permit holder and was informed that the Hacienda Hills delivery well went bad and the company was dissolved. A review of the Idaho Secretary of State website confirms that Hacienda Hills Water Company was dissolved on June 27, 2020. On October 2, 2020, a notice of water right ownership was filed on water right 95-7264 from Hacienda Hills Water Company to Hayden Lake Irrigation District. Hayden Lake Irrigation District protested this application for permit, the protest was withdrawn contingent upon a private agreement between the permit holder and Hayden Lake Irrigation District. The agreement states that Hayden Lake Irrigation District would not oppose this permit as long as the permit holder owns the property. The well was drilled and in use prior to Hayden Lake Irrigation District owned the water right, so it appears as though the permit holder was disconnected from the system prior to Hayden Lake Irrigation District purchasing the property.

Based on the above information, I feel that water right 95-7234 should not be a hindrance to the licensing of this permit. The permit holder had to disconnect from the water system and drill his own well to have water from his home prior to Hayden Lake Irrigation District taking over the water system. Therefore, there shouldn't be any conditions associated with this permit other than referring to the agreement between the permit holder and Hayden Lake Irrigation District. This is a private agreement between the permit holder and Hayden Lake Irrigation District, and the Department is not a party to this or any other such agreements.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: No other water users are connected to this well, and there are no other points of diversion in this 40 acre tract.

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
Well Tag # D0084416			SW	NE	22	51N	4W	B.M.	Kootenai
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Parcel Data.Change in POD? X N Amendment Required? 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	
51N	4W	22			2														2
					D														
Total Acres =																			2

Method of Determination: GIS and Tax Parcel DataChange in POU? X N Amendment Required? X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X Aerial Photo Attached (required for irrigation of 10+ acres). 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
Well Pump	Unknown				

*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
NONE						

2. Measurements: No measurement is required for an in-house exam.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit that tells what the size of the well pump is for this permit. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22 and Administrative Memo #17 for the irrigation use.

Administrative Memo #22 = 0.04 cfs for domestic use
Administrative Memo #17 = 0.03 cfs per acre X 2 acres = 0.06 cfs for irrigation use
Total diversion rate that can be authorized is 0.10 cfs

Permit allowed = 0.04 cfs for domestic and 0.06 cfs for irrigation for a total of 0.10 cfs.

I am recommending 0.04 cfs for domestic use and 0.06 cfs for irrigation use since the permit limitation was based on Administrative Memorandums #22 and #17.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \text{ acres} \times 3.0 \text{ af/ac} = 6.0 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.06 \times 246 \text{ days} \times 1.9835 = 29.3 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6.0 \text{ af}$$

2. Volume Calculations for Other Uses:

Administrative Processing Memorandum #22 provides guidance to allow 0.6 af for in-house use. The yard irrigation is covered by the irrigation portion of this permit.

G. PURPOSE OF USE

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

Other: < >

Change in Purpose of Use? ☐ Y ☐ N

Method of Determination: Taxlot data and conversations with owner.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. The only issue is the overlapping water rights, and the agreement with Hayden Lake Irrigation District discussed above. It does appear as though the permit holder had no alternative except to find a new water source before Hayden Lake Irrigation District purchased the Hacienda Hills Water Company. The permit holder had already spent the money required for the well and the permit, so there is no question in my mind that he has operated in good faith during the entire process. I am also convinced that he is no longer connected to the Hayden Lake Irrigation District system or the Hacienda Hills Water Company system. This should be considered a primary water right for the home and irrigation of the yard.

Conditions 132, R66, 174, 175, 01R, and 020 should be carried forward to licensing. Condition 004 is not needed, since the system does not go outside the borders of the permit holder's parcel.

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>
Domestic	01/01 to 12/31	0.04 CFS	0.6 AF
Irrigation	03/15 to 11/15	0.06 CFS	6.0 AF
<u>Totals:</u>		0.10 CFS	6.6 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

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name



Date

7-1-21

Reviewer

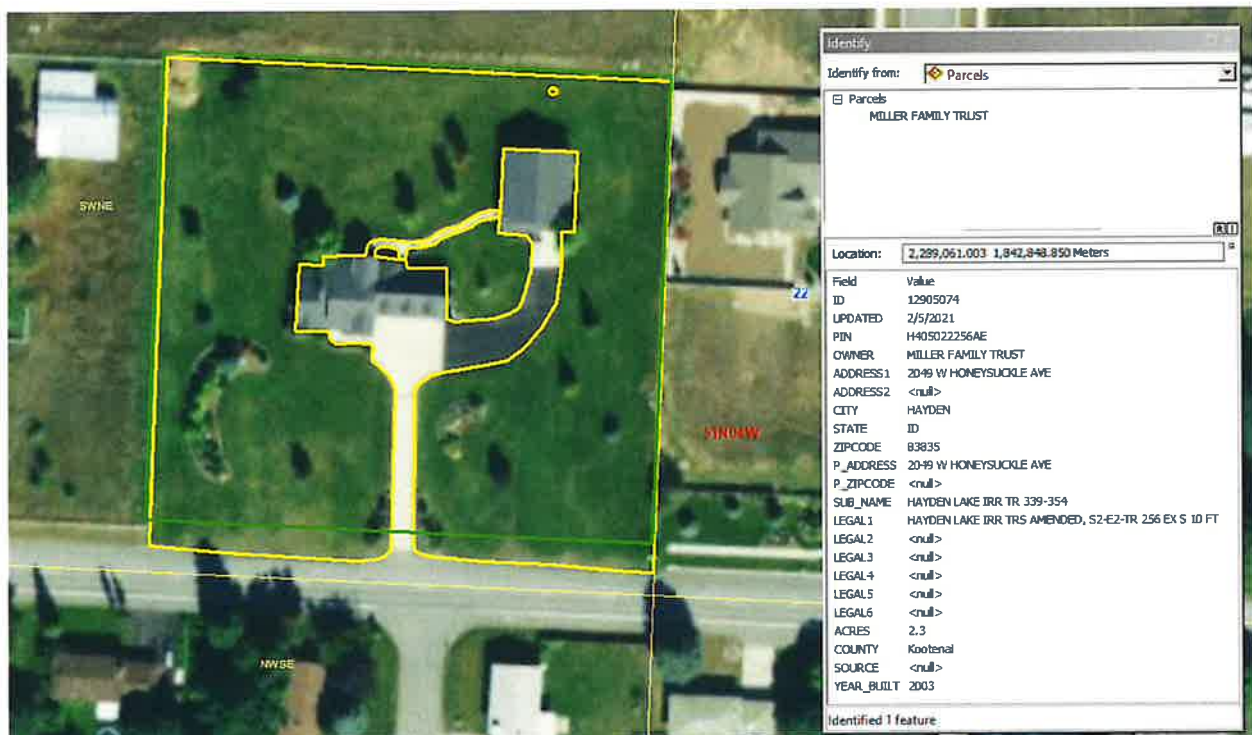


Date

7/2/21

Field Exam Map:

The yellow border shows the place of use of the irrigation place of use, and the yellow point shows the point of diversion.
The green border shows the tax parcels for this property and the domestic place of use.



Kootenai County Tax Maps

Kootenai County GeoViews

2049 W Honeysuckle Ave. Hayden X
Show search results for 2049 W Honeysuckle Ave.

Parcel Search
By Shape By Value Results

Features selected: 1

Parcel Number: H-4050-22-256-AE
Name: MILLER FAMILY TRUST
Property Address: 2049 W HONEYSUCKLE AVE
City: HAYDEN

AIN: 125971 LRSN: 33263 GEO: 3260
Parcel Number: H-4050-22-256-AE
Appl Dist: 3 TCA: 004000
Incorporation: HAYDEN

Owner Information:
MILLER FAMILY TRUST
2049 W HONEYSUCKLE AVE
HAYDEN ID 83835

Site Address:
2049 W HONEYSUCKLE AVE
HAYDEN

Legal Description: HAYDEN LAKE IRR TRS AMENDED S2-
E2-TR 256 EX 5 10 FT

BKPG: C000
Acres: 2.2520 TRS: 514W22NE PDF

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D D0084416

Drilling Permit No. 893313

Water right or injection well # _____

2. OWNER: James R. Miller

Name _____

Address 2049 W. Honeysuckle Ave.

City Hayden State ID Zip 83835

3. WELL LOCATION:

✓ Twp. 51N North ☒ or South ☐ Rge. 04W East ☐ or West ☒

Sec. 22 1/4 SW 1/4 NE 1/4

Gov't Lot _____ County Kootenai

Lat. 47 45.161 (Deg. and Decimal minutes)

Long. 116 48.832 (Deg. and Decimal minutes)

Address of Well Site 2049 W. Honeysuckle Ave.

City Hayden

(Curve 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 ft³)	Placement method/procedure
Bentonite	0	18	600 lbs.	Overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	354	.250	Steel	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 354' RB @ 360'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☒ Y ☐ N Type Stainless Steel

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
355	360	25	5'	5"	SS	

Length of Headpipe 5' Length of Tailpipe _____

Packer ☒ Y ☐ N Type K-Packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
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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) 280 Static water level (ft) 280

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

Describe access port Welded steel cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
	20	60

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
10	0	5	Top Soil		X
10	5	18	Gravels & Sand		X
8	18	253	Gravels & Sand		X
8	253	257	Boulder		X
8	257	263	Gravels & Sand		X
8	263	290	Brown Sand	X	
8	290	360	Sand w/Small Gravels	X	

RECEIVED

APR 07 2020

IDWR/NORTH

Completed Depth (Measurable): 360'

Date Started: Mar 23, 2020 Date Completed: Mar 26, 2020

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 3-31-20

*Driller [Signature] Date 3-31-20

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.