

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-18144
Exam Date: 01/11/2022

1. Current Owner:
BYRON M HIGA PO BOX 1275 ATHOL ID 83801-1275 AND/OR
JENNIFER L HIGA PO BOX 1275 ATHOL ID 83801-1275
2. Accompanied by: In house
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: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

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 SW¼ NE¼, Sec. 18, Twp 53N, Rge 02W, B.M. KOOTENAI County

Method of Determination: Application, permit, well lot

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N	02W	18			X														

Method of Determination: ArcMap and Kootenai County

3.

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

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

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 use. Indoor and up to 1/2 acre of irrigation per administrative processing memo # 22.

G. NARRATIVE/REMARKS/COMMENTS: ArcMap and Kootenai County confirm dwelling on property and list permit holders as current owners. Removed condition 046. Permit was issued in December 2021. Proof received in Northern on 1-4-2022.

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 -

Field Examiner's Name

Jean Hersley
Plummer

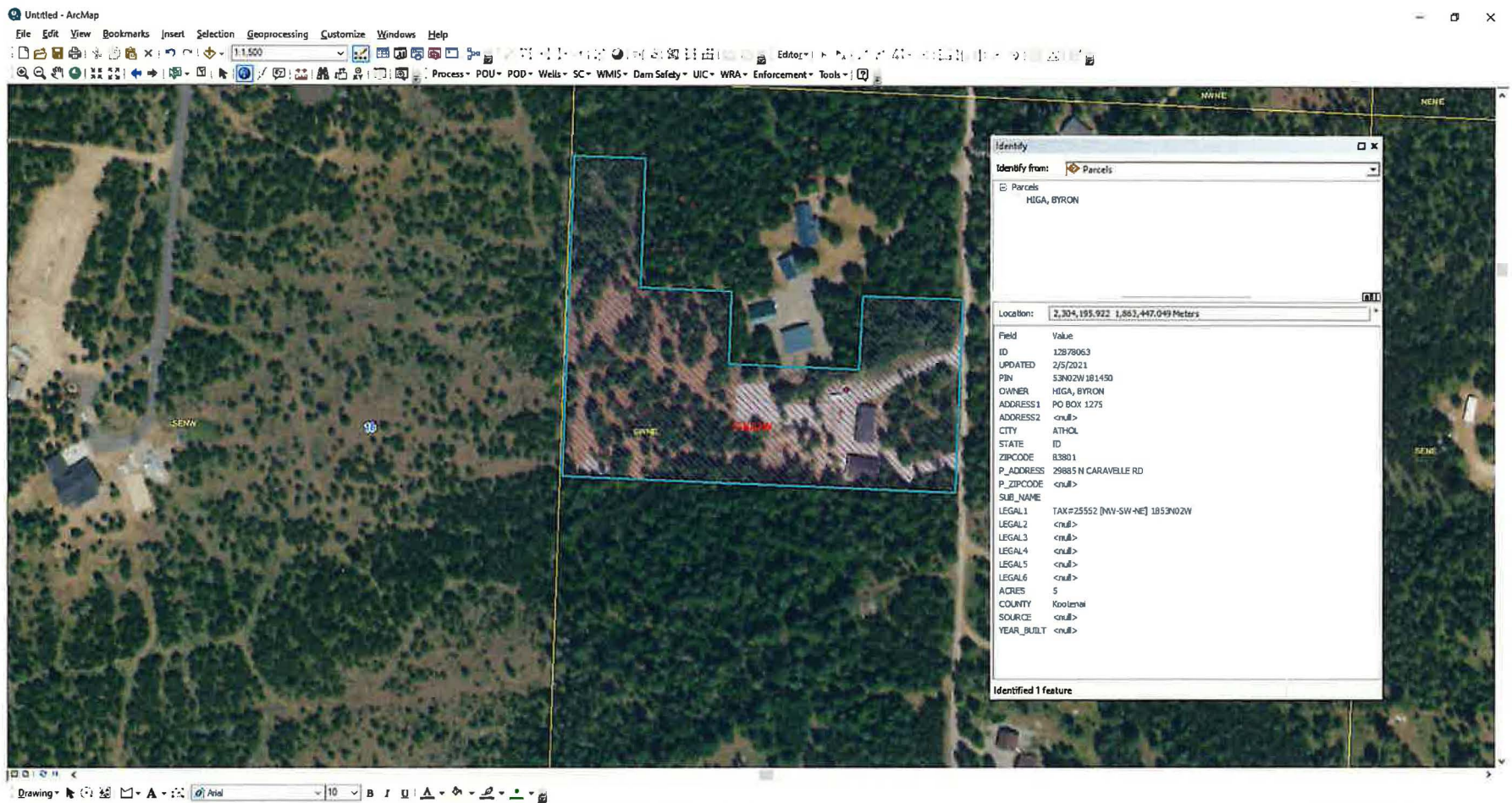
Date

1-11-22

Reviewer

Date

1/11/22



2304436.67 1863608.974 Meters

ArcMap shows dwelling on property and list permit holder as current owner.

Kootenai County, Idaho

generated on 1/10/2022 4:55:16 PM CST

Parcel

Parcel Number	AIN	Situs Address	Data as of
53N02W181450	339763	29885 N CARAVELLE RD, ATHOL	1/8/2022

Owner Information

Owner Name	HIGA BYRON HIGA JENNIFER
Owner Address	PO BOX 1275 ATHOL ID 83801
Transfer Date	10/03/2019
Document #	
Deed Book/Page	

Location / Description

Tax Authority Group	156000	Current Legal Desc.	TAX#25552 [NW-SW-NE] 1853N02W
Situs Address	29885 N CARAVELLE RD, ATHOL		
Acreage	5.0358		

Parcel Type

Property Class Code	548- NREV
Neighborhood Code	1203 RURAL S OF HWY 54

Assessment Information

Appraisal Date	07-13- 2021	Current Year	2021	Prior Year	2020
Market Value Land	\$191,039	Homeowners Eligible Amt Land	\$156,750	Homeowners Eligible Amt Land	\$0
Market Value Improvement	\$159,181	Homeowners Eligible Amt Imp	\$159,181	Homeowners Eligible Amt Imp	\$0
Total Market Value	\$350,220	Sum Homeowners Eligible Amt	\$315,931	Sum Homeowners Eligible Amt	\$0
		Homeowners Exemption Allowed	\$125,000	Homeowners Exemption Allowed	\$0
Acreage	5.0358	Total Market Value	\$350,220	Total Market Value	\$135,553
		Homeowners Exemption Allowed	\$125,000	Homeowners Exemption	\$0
		Ag/Timber Exemption	\$0	Ag/Timber Exemption	\$0
		Other Exemptions	\$0	Other Exemptions	\$0
		Net Taxable Value	\$225,220	Net Taxable Value	\$135,553

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0079146

Drilling Permit No. 388126

Water right or injection well # _____

2. OWNER:

Name Darryl and Kelly Sullivan

Address 29965 N. Caravelle Rd.

City Athol State ID Zip 83801

3. WELL LOCATION:

Twp. 53 North ☒ or South ☐ Rge. 2 East ☐ or West ☒

Sec. 18 1/4 SW 1/4 NE 1/4

Gov't Lot _____ County Kootenai

Lat. 47 56.535 (Deg. and Decimal minutes)

Long. 116 37.272 (Deg. and Decimal minutes)

Address of Well Site 29965 N. Caravelle Rd

City Athol

(Give all land 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 Chips	0	18	600 lbs.	Temp. Casing/Dry

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	460	.250	Steel	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) Ring @ 460'

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Air Perforator

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
440	460	1/4x1	8	.250	Steel	.250

Length of Headpipe NA Length of Tailpipe NA

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
NA				

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) NA

Describe control device NA

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 405 Static water level (ft) 395

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

Describe access port Steel Welded Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
NA	30+ gpm	240	☐	☐	☒	☐

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
12	0	18	Sand, Gravel and Cobbles		X
8	18	395	Sand and Gravel		X
8	395	405	Gravel and Tan Clay		X
8	405	410	Gravel	X	
8	410	417	Boulder		X
8	417	438	Coarse Sand and Small Gravel	X	
8	438	460	Large Gravel	X	

RECEIVED

OCT 29 2018

IDWR / NORTH

Completed Depth (Measurable):	460'
Date Started:	10/25/2018
Date Completed:	10/26/2018

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 Horsley Drilling, Inc. Co. No. 632

*Principal Driller C. Mark Horsley Date 10/29/2018

*Driller Steve C. Horsley Date 10/29/2018

*Operator II Robert B. Miller Date 10/29/2018

Operator I Robert B. Miller Date 10/29/2018

* Signature of Principal Driller and rig operator are required.