

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-34059
Exam Date: 05/13/2024

1. Current Owner:

WILLIAM SHELMAN 18593 S PLEASANT VALLEY RD KUNA ID 83634-2725 AND
TRINA SHELMAN 18593 S PLEASANT VALLEY RD KUNA ID 83634-2725

2. Accompanied by: WILLIAM SHELMAN

Phone No: 208-863-1387

Address: 18593 S PLEASANT VALLEY RD KUNA ID 83634-2725

Relationship to permit Holder: Permit holder

3. **SOURCE:**

GROUND WATER

Method of Determination: Aerial photography and site visit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE¼ SE¼, Sec. 8, Twp 01N, Rge 02E, B.M. ADA County

Method of Determination: Site visit, aerial imagery

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	02E	8													5.0				5.0

Total Acres: 5.0

PLACE OF USE: STOCKWATER

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	02E	8													X				

Method of Determination: Site visit, aerial imagery

3.

 x 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.

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

 x 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
458222	3ph 230 V Grundfos Motor	7.5	-	Grundfos	35S75-28

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: None taken

E. FLOW CALCULATIONS

 N/A Additional Computation Sheets Attached

Measured Method:

Measured Method: Following IDAPA Beneficial use exam rules 35.01.(r). no measurement was taken.

Standard Rate Irrigation 0.15 cfs

Standard Rate Stockwater 0.02 cfs

Permitted Total Rate 0.20 cfs

License Recommendation 0.17 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5 \text{ acres} \times 4.5 \text{ AFA} = 22.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.15 \text{ cfs} \times 259 \text{ days} \times 1.9835 = 77.06$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{22.5 \text{ AF}}$$

2. Volume Calculations for Other Uses: Stockwater

Annual Use of Water for Stockwater Purposes using Processing Memo #3

$$10 \text{ LIVESTOCK} \times 0.0134 = 0.134 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

A field exam was conducted on May 13, 2024, by Senior Water Right Agent Marcelina Williams and was accompanied by the applicant, Mr. Shelman. The permit was approved on January 6, 2016, and proof of beneficial use was submitted on November 8, 2023

The point of diversion (POD) location was confirmed as ground water from a well in the NESE of Sec 08, T01N, R02E, and is accurately described by the permit. No overlapping PODs were found. No amendment is required to correct the legal descriptions.

From the POD water is diverted from the well via an 8-inch steel pipe and connected to 4 lines attached to 7 K-Pods on each line that are mobile. Stockwater was confirmed on the property via the troughs and evidence of animals, but none were currently on the property at the time. The permit holder mentioned they had stock last season and were planning on getting 2 more cattle this season. The POD also has a frost-free spigot in which a hose is connected that feeds the stockwater troughs to the west. The permit authorizes 0.20 cfs for stockwater and irrigation use within the NESE of Sec 08, T01N, R02E, R02W. ArcMap tools and aerial imagery, supported by photos taken during the field exam, were used to verify the area of irrigation and stockwater use. No amendment required to correct the legal description of the POU.

Pump and motor information was provided by the applicant. Using department standards of 0.03 cfs per acre as described in AP memo 17 for irrigation of small acreages and following Processing Memo #3 flow rate of 0.02 cfs was calculated which is less than the permitted rate. The recommended license flow rate for stockwater use is 0.02 cfs and 0.15 for irrigation. Making a total license recommendation of 0.17 cfs.

Condition 103 replaced condition 121 per department standards. Conditions 26A and X02 were removed at licensing. Condition R65 was updated to reflect the 0.03 cfs per acre as R69. Conditions 046, X02, and 01M were carried forward to the license.

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>
IRRIGATION	03/01 to 11/15	0.15 CFS	22.5 AF
STOCKWATER	01/01 to 12/31	0.02 CFS	0.2 AF

Totals: 0.17 CFS 22.7 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

I. AUTHENTICATION Marcelina Williams - Water Resource Agent

Field Examiner's Name Marcelina Williams Date 09-30-24
Reviewer [Signature] Date 10/3/2024

DELIVERY SYSTEM DIAGRAM

Water Right No. 63-34059

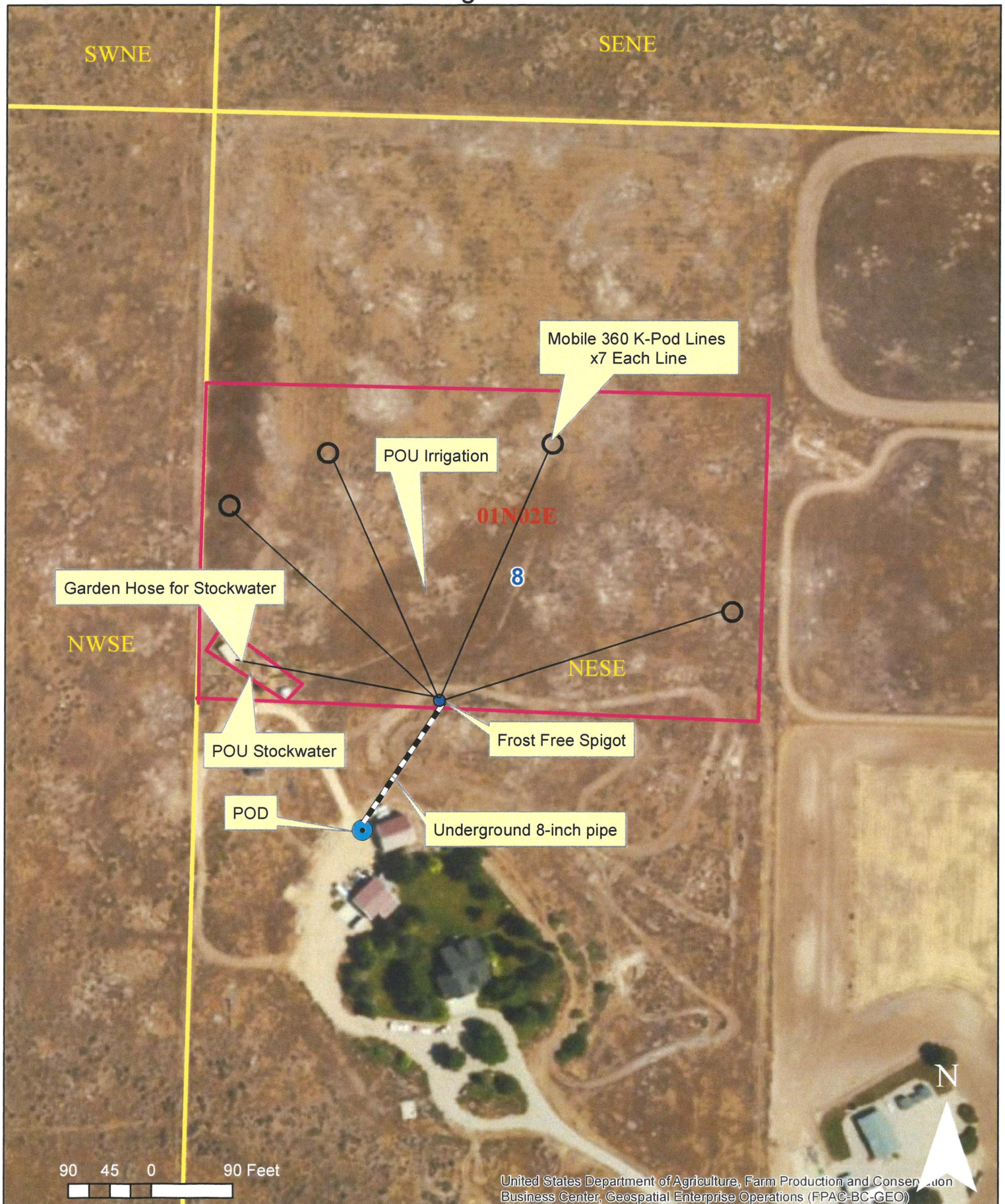




Fig. 1 & 2 – Location of POD Well and buried pump. Located in the NESE QQ.





Fig. 3 – Location of frost-free spigot and 8-inch pipe distribution. NESE QQ . View looking south.



Fig.4- Irrigated acres within the NESE QQ with the 360 K-Pod sprinkler.



Fig. 5 – Irrigated acres within the NESE QQ with the 360 K-Pod sprinkler.



Fig. 6- Stockwater within the SESW QQ.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTRECEIVED
MAY 28 2020
IDWR WESTERN

1. WELL TAG NO. D 0083435

Drilling Permit No. 893422Water right or injection well # 63-34059

2. OWNER: William & Trina Shelman

Name _____

Address 18593 S Pleasant Valley RoadCity Kuna State ID Zip 83634

3. WELL LOCATION:

Twp. 1 North ☒ or South ☐ Rge. 2 East ☒ or West ☐Sec. 8 1/4 NE 1/4 SE 1/4Gov't Lot _____ County ADALat. 43 26.103 (Deg. and Decimal minutes)Long. 116 14.352 (Deg. and Decimal minutes)Address of Well Site Same as above addressCity Kuna

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	45	900 LBS	Poured from Surface

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
6	+2.5	500	.250	Steel	☒	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 500

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

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

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) 321 Static water level (ft) 321Water temp. (°F) 70 Bottom hole temp. (°F) _____

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
490	70	120
440	50	120

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	1	Top Soil		X
10	1	5	Hard Pan		X
10	5	17	Basalt Rock		X
10	17	26	Cinders Red		X
10	26	45	Basalt Black		X
8	45	74	Basalt Black		X
8	74	90	Cinders Red & Black		X
8	90	140	Basalt Black		X
8	140	160	Fraclured Basalt Black		X
8	160	176	Basalt Black		X
8	176	185	Cinders		X
8	185	200	Gravel		X
6	200	220	Gravel		X
6	220	321	Sand & Gravel		X
6	321	500	Sand & Gravel	X	

Completed Depth (Measurable): 500Date Started: 4/8/2020Date Completed: 4/29/2020

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 Down Right Drilling & Pump Co. No. 637*Principal Driller [Signature] Date 5-27-20*Driller [Signature] Date 5-27-20

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.



IDAHO DEPARTMENT OF
WATER RESOURCES

Western Region • 2735 W Airport Way • Boise, ID 83705-5082

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Governor Brad Little

Director Mathew Weaver

April 25, 2024

WILLIAM AND TRINA SHELMAN
18593 S. PLEASANT VALLEY RD
KUNA ID 83634

RE: Scheduling Field Exam for Water Right Permit No. 63-34059

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use to issue a water right license.

The above-referenced permit authorizes **0.20 cfs of ground water for irrigation and 0.02 cfs of ground water for stockwater**. **If you have developed a beneficial use of water and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued, and the permit should be relinquished. If that use was developed but you have ceased using the water and currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

Please contact me within the next thirty (30) days at (208) 605-4632 to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Marcelina M. Williams
Water Resource Agent Sr.

Enclosure: Relinquishment of Permit Form