

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permits No: 22-14746, 22-14747, 22-13292
Exam Date: 2/05/2025

1. Current Owner:

DAVID SCHWENDIMAN 9633 E HWY 33 NEWDALE ID 83436
DIANE P SCHWENDIMAN 9633 E HWY 33 NEWDALE ID 83436
VAL E SCHWENDIMAN 9633 E HWY 33 NEWDALE ID 83436

3. SOURCE:

GROUND WATER

Method of Determination: Site Visit.

B. OVERLAP REVIEW

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

Comments: The place of use is located within the service area of Fremont-Madison Irrigation District. The place of use is also within the service area for Canyon Creek Canal Company (rights 22-195 & 22-196). Surface water commingles with groundwater in the irrigation delivery system.

2. Other water rights with the same point-of-diversion: YES Overlap

Water rights 22-7287 (4.91 cfs) and 22-12656 (0.36 cfs) are also diverted from well A0015983.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NW¼ SE¼, Sec. 28, Twp 07N, Rge 42E, B.M. MADISON County
GROUND WATER SW¼ SW¼, Sec. 23, Twp 07N, Rge 42E, B.M. MADISON County
GROUND WATER NW¼ SE¼, Sec. 28, Twp 07N, Rge 42E, B.M. MADISON County

Method of Determination: Site Visit

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	
06N	42E	3	14.0 L1	34.0 L2	12.0		1.0 L3			0.3									61.3
07N	42E	33	0.2																0.2
07N	42E	34	32.0	32.0	36.0	35.0	33.0	33.0	35.0	34.0	2.1	1.5		1.3	31.0	33.6	36.0	34.0	409.5

22-14746 Right Acre Limit: 32.0

22-14747 Right Acre Limit: 7.0

22-13292 Right Acre Limit 432.0

Total Acres: 471.0

Method of Determination: Aerial Imagery, Field Visit

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

☒ X 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

☒ X 1:24,000 or greater.☒ X 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	Booster	Pump Make	Pump Serial No. or Discharge Size
WMIS 1004034		500			
WMIS 1002988/ A0012100		500			
WMIS 1003085/ A0015983		500	150 hp		

D. FLOW MEASUREMENTS

Measurements were taken from the approved flowmeters for each well.

2. Measurements:

Well	Flow Rate (cfs)
1004034	3.86 (theoretical)
1002988	2.9
1003085	6.57
Total	13.33

Combined diversion rate: 4.41 cfs + 0.02 cfs + 0.38 cfs = 4.81 combined diversion rate.

Rights 22-7287 and 22-12656 authorize an additional 5.27 cfs from well A0015983.

Thus, the rights authorize a combined limit of 10.08 cfs from the three wells. Since the rights do not exceed the capacity of the wells, no combined diversion rate limit is necessary.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation

22-14746

0.38 cfs diversion rate, 32.0 acre limit

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 32 \text{ acres} \times 3.5 \text{ acre-feet} = 112.0 \text{ acre-feet}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.38 \text{ cfs} \times 1.9835 \times 184 \text{ days} = 138.7 \text{ acre-feet}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{112.0 \text{ acre feet}}$$

22-14747

0.02 cfs diversion rate, 7.0 acre limit

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7 \text{ acres} \times 3.5 \text{ acre-feet} = 24.5 \text{ acre-feet}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 1.9835 \times 184 \text{ days} = 7.3 \text{ acre-feet}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{7.3 \text{ acre feet}}$$

22-13292

4.41 cfs diversion rate, 432 acre limit

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 432 \text{ acres} \times 3.5 \text{ acre-feet} = 1512 \text{ acre-feet}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 4.41 \text{ cfs} \times 1.9835 \times 184 \text{ days} = 1609 \text{ acre-feet}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \mathbf{1512.0 \text{ acre-feet}}$$

$$\mathbf{\text{Total Diversion Volume} = 112 + 7.3 + 1512 = 1631.3 \text{ acre-feet}}$$

NARRATIVE/REMARKS/COMMENTS

In the early 1990s, IDWR issued three water right permits to several members of the Schwendiman Family. The numbers for the three original permits were 22-7703, 22-7704, and 22-7728. Permit number 22-14746 was split off from water permit 22-7704, permit 22-14747 was split off from permit 22-7703, and permit 22-13292 was split from permit 22-7728. Split portions of the original water right permits, which now exist as right numbers 22-13292, 22-14746, and 22-14747, have been combined to create a 471.0-acre combined place of use for the irrigation system that services portions of Sec 34, T07N R42E and Sec 3, T06N R42E. Because the water permits now share the same points of diversion and place of use, this field examination documents all three water permits as they are now used in this interconnected irrigation system.

The permits authorize the diversion of groundwater to irrigate land in Madison and Fremont counties near Newdale, ID. The applicant submitted proof of beneficial use for the permits in the 1990s. The Department conducted multiple field examinations for these permits over the years. For various reasons, the Department was delayed in issuing licenses for the permits. In the fall of 2025, IDWR staff met with Val and David Schwendiman to gather the remaining information needed to document the extent of beneficial use developed under these permits. It was determined that the beneficial use developed under the Schwendiman permits occurs through two interconnected irrigation systems. The Department issued licensing amendments so that the water licenses reflect the diversion and use of water under the permits as occurs through these two irrigation systems.

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

H. RECOMMENDATIONS

1. Recommended Amounts

22-14746

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	4/15 to 10/15	0.38 CFS	112.0 AF

22-14747

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	4/15 to 10/15	0.02 CFS	7.3 AF

22-13292

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	4/15 to 10/15	4.41 CFS	1512.0 AF

Totals: 4.81 CFS 1631.3 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 Christian Stewart - Water Resource Agent

Field Examiner's Name Christian J Stewart Date 3/25/26
 Reviewer Blake Jordan Date 3/30/2026

State of Idaho
Department of Water Resources
Water Right Map

3/25/2026

Schwendiman rights 22-14746, 22-14747, and 22-13292



- Place of Use
- Point of Diversion
- QQ
- Parcels

Mainline

0 0.2 0.4 0.8 Miles



THEORETICAL HORSEPOWER EQUATION WORKSHEET

WMIS #: 1004034

P/D No.:	Senerio 1	Senerio 2	Senerio 3	
PUMP HORSEPOWER	500	500	500	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	642	720	1225	
DISCHARGE PRESSURE	0	0	0	
RATE OF FLOW (cfs)	4.80	4.28	2.51 AVERAGE	3.86

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:

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 0011924
 DRILLING PERMIT NO. _____
 Other IDWR No. 763976

2. OWNER:
 Name David Schwindeman
 Address 1500 E Hwy 13
 City Newdale State ID Zip 83434

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N W E S	Twp. <u>7</u>	North ☒ or South ☐
	Rge. <u>42</u>	East ☒ or West ☐
	Sec. <u>28</u>	1/4 <u>NW</u> 1/4 <u>SE</u> 1/4
	Gov't Lot _____	County <u>Fremont</u>
Lat: _____		Long: _____
Address of Well Site <u>General Delivery</u>		City <u>Newdale</u>

(Give at least name of road + Distance to Road or Landmark)

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		METHOD
Material	From	To	Sacks of Pounds		
Benonite	0	75	48 bags		Over bore

Was drive shoe used? ☒ N ☐ Shoe Depth(s) 25'
 Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
20"	+3	75	.375	Steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations Method None
 Screens Screen Type None

From	To	Slat Size	Number	Diameter	Material	Casing	Liner
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

642 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

- ☐ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
20	0	5	Dirt		X
20	5	75	Fractured Rock		X
18	75	140	Red Rock		X
18	140	225	Grey Rock		X
18	225	240	Red Rock		X
18	240	360	Brown Rock		X
18	360	385	Orange Red Soft Rock		X
18	385	390	Grey Rock		X
18	390	465	Brown Rock		X
18	465	497	Hard Grey Rock		X
18	497	560	Brown Rock		X
18	560	580	Grey Basalt Hard	X	
18	580	640	Brown Rock Clay		X
18	640	690	Grey Sandstone	X	
18	690	700	Hard Rhin. Lte. Grey		X
18	700	720	Broken Salt Rock	X	
18	720	740	Hard Rhin. Lte.		X
18	740	1225	Rhin. Lte. Fractures	X	
12	1225	1340	Soft Rhin. Lte. Fractures	X	

RECEIVED

AUG 15 2000

Department of Water Resources
Eastern Region

AUG 30 2000

Completed Depth 1340 Department of Water Resources (Measurable)
 Date: Started 4-15-2000 Completed 6-26-00

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 Vollmer Well Drilling Firm No. 383

Firm Official [Signature] Date 07/15/00

and Driller or Operator [Signature] Date 8-14-00

(Sign once if Firm Official & Operator)

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