

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 25-14199

Exam Date: 5/27/2020

1. Current Owner:

MORNINGVIEW WATER CO INC PO BOX 598 RIGBY ID 83442

2. Accompanied by: Tony Wise (Falls Water Co.) And Ryan Loftus (Aspen Engineering)

Phone No:

Address:

Relationship to permit Holder: Future Buyer (Falls Water Co.) and System Engineer/Consultant (Aspen Engineering)

3. **SOURCE:**

GROUND WATER

Method of Determination: Site Visit and GPS**B. OVERLAP REVIEW**

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

YES Overlap

Water Right No.	Source	Purpose of Use	Basis
25-14236	GROUND WATER	DOMESTIC	PERMIT
25-7593	GROUD WATER	DOMESTIC	LICENSE

Comments: _____

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

YES Overlap

Water Right No.	Source	Purpose of Use	Basis
25-14236	GROUND WATER	DOMESTIC	PERMIT
25-7593	GROUND WATER	DOMESTIC	LICENSE

Comments: _____

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

GROUND WATER L1 (NW¼ NW¼), Sec. 30, Twp 04N, Rge 39E, B.M. JEFFERSON County

GROUND WATER NW¼ NE¼, Sec. 30, Twp 04N, Rge 39E, B.M. JEFFERSON County

GROUND WATER NW¼ NE¼, Sec. 30, Twp 04N, Rge 39E, B.M. JEFFERSON County

Method of Determination: Site Visit and GPS

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	
04N	39E	30	X	X			X	X											0.0

Method of Determination: Site Visit and Aerial Photography

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
Well 1		30			
Well 2		10			
Well 3					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Well 1 & 2	Ultrasonic	Netafim Octave		55501533	6 inch	
Well 3	Ultrasonic	Netafim Octave		44503803	4 inch	

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Used installed flow meter to obtain flow rate. Flow meters have a multiplier of 1 for the gallons per minute and total gallons.

F. VOLUME CALCULATIONS

1. Volume Calculations for D:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

$$1 \text{ home} = 0.6 \text{ AF}$$

$$0.5 \text{ acres} = 0.6 \text{ AF}$$

$$130 \text{ homes} \times 1.2 \text{ AF} = 156 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

I performed a beneficial use field exam for water permits 25-14236 and 25-14199. I was accompanied by Tony Wise with Falls Water Co. and Ryan Loftus with Aspen Engineering Inc. Morning View Water Company supplies water to the Morning View Acres and the Country Grove Estates Mobile Home Subdivisions. Three wells supply the two subdivisions. The three pumps supplying the system were turned on. Well 1 produced 118 GPM, Well 2 produced 37 GPM, and Well 3 produced 770 GPM. The GPM readings were taken using the department approved, installed, Octave ultrasonic flow meters by Netafim. The water rights owned by Morningview Water Co Inc are being sold to Falls Water Co.

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>Volume</u>
DOMESTIC	01/01 to 12/31	0.83 CFS	156 AF

Totals: 0.83 CFS 156 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

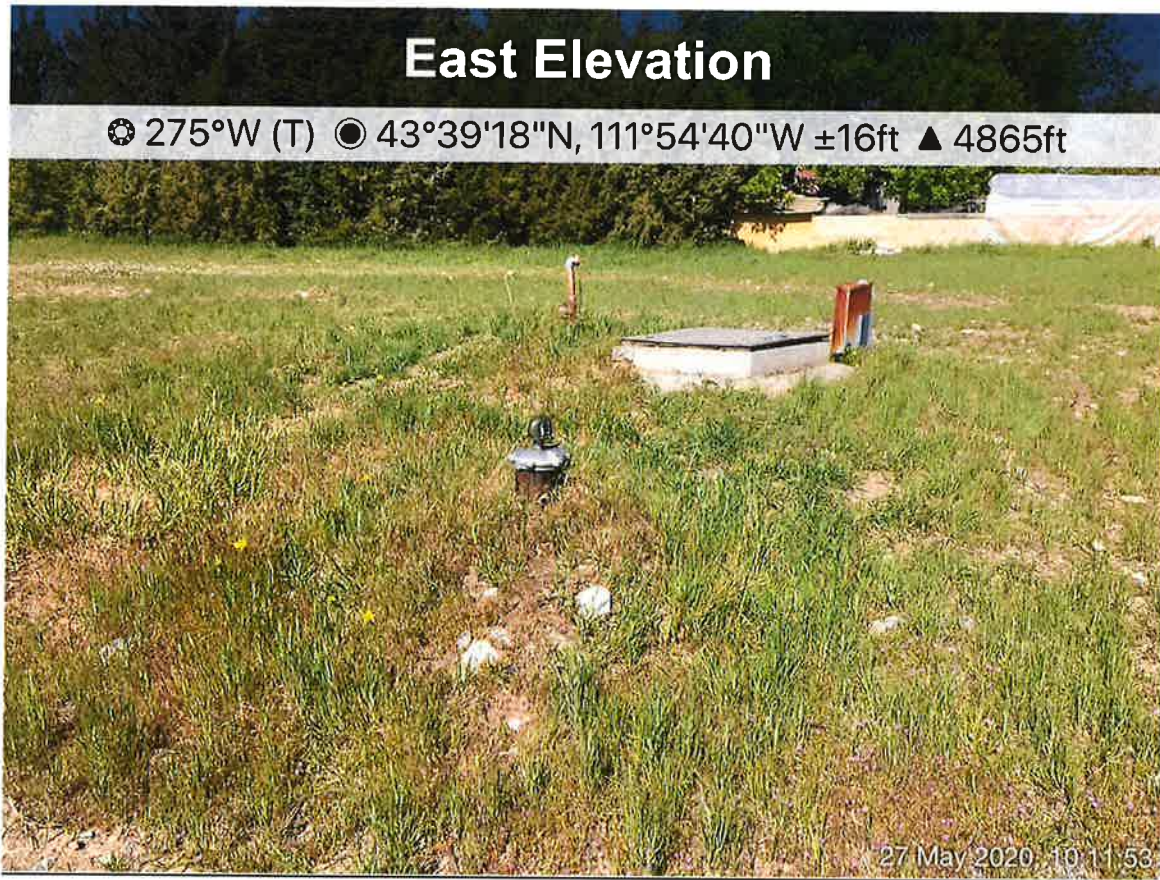
I. AUTHENTICATION

Jared Adamson - Water Resource Agent

Field Examiner's Name  Date 6/10/2020

Reviewer  Date 6/15/2020

Well 2



Well 1 & 2 Flow Meter



South West Well and Pump House

Well 3



Well 3 Flow Meter

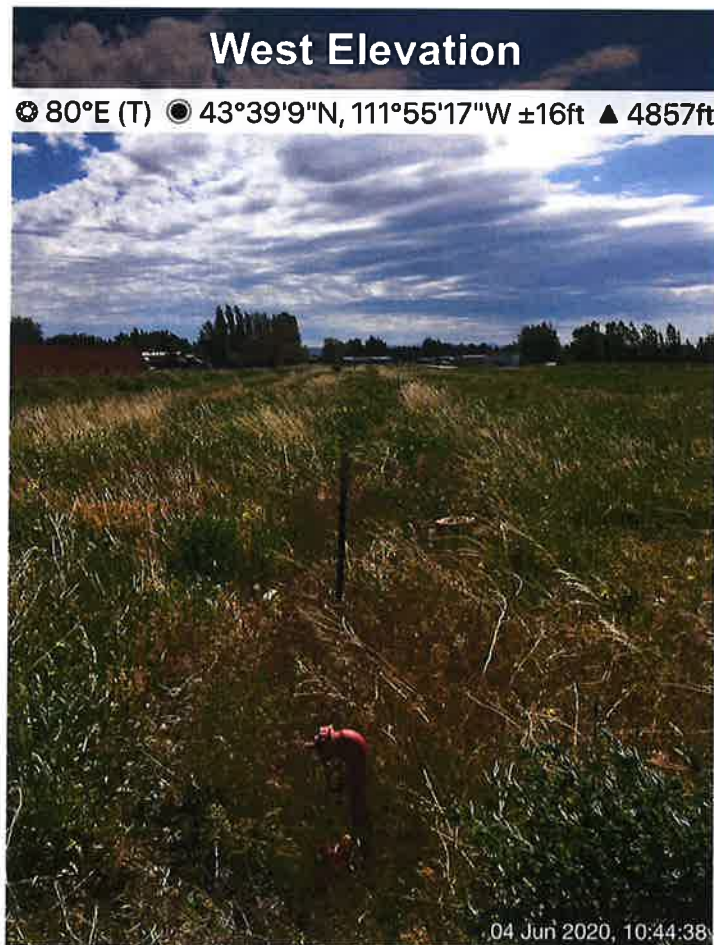


End of Water Main



This photo shows the cleanout valve at the furthest west point in the water system in Lot 1 NWNW QQ, Section 30, T04N, R39E.







Overall Water System West of Well 3



Well 3 is in the background and right of center in this photo.

Morningview Water Co Inc. Water System



-  Points of Diversion
-  Approximate Water Main
-  Domestic_POU
-  Township/Range
-  Sections
-  CO

Comment: The water main depicted in this map is an approximation based on diagrams provided by Mountainview Water Co. Inc. and field observations.

0 250 500 1,000 Feet