STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-24118
Exam Date: 06/12/2025

1. Current Owner:
COLT BROWN PO BOX 606 DONNELLY ID 83615-0606

2. Accompanied by: Colt Brown
Phone No: (208) 315-5267
Address: PO Box 606, Donnelly, ID 83615
Relationship to permit Holder: Same

3. **SOURCE:** GOLD FORK RIVER

Tributary NORTH FORK PAYETTE RIVER

Method of Determination: Beneficial use exam and Department records

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
65-24020 (Brown)	GROUND WATER	IRRIGATION	PERMIT

Comments: Covers same POU as 65-24118

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

Water Right No.	Source	Purpose of Use	Basis
65-2608 (Kleint),	GOLD FORK RIVER	IRRIGATION	DECREED
65-2642 (Elison)	GOLD FORK RIVER	IRRIGATION,STOCKWATER	DECREED
65-2661 (Kleint),	GOLD FORK RIVER	IRRIGATION	DECREED
65-22348 (Kleint),	GOLD FORK RIVER	IRRIGATION	DECREED
65-22519 (Kleint)	GOLD FORK RIVER	STOCKWATER	DECREED

Comments: All five water rights divert from the same POD in the Gold Fork River and are pumped throught the same 50 hp pump as 65-24118.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GOLD FORK RIVER NW¼ NW¼, Sec. 25, Twp 16N, Rge 03E, B.M. VALLEY County

Method of Determination: permit records, field examination, and 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	
16N	03E	26		1.0			32.0	32.0											65.0

Total Acres: 65.0

Method of Determination: Aerial Imagery, ArcMap Tools, and observation during field exam.

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
_____ 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	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Main Pump	**GE 5kE326DTT6013D1**	**50**		**Cornell**	
Booster Pump	**Baldor**	**40**		**Cornell 4RB-40-04**	**99569 12.25**

D. FLOW MEASUREMENTS

1.

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

2. Measurements:
The Beneficial Use Exam Rules (IDAPA 37.03.02) allow an exception to measuring flow if the design of the diversion system makes it impossible to measure the flow rate accurately. No measurement was taken.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Design Specifications

Design Flow Rate for Lindsay Zimmatic Gen II Center Pivot: 400 gpm or **0.89 cfs**

BU Standard Rate: 65.0 acres x 0.02 cfs/acre = **1.30 cfs**

Fee Rate : the maximum rate paid for on the fee schedule = **1.80 cfs**

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$V_{I.R.}$ = (Acres Irrigated) x (Irrigation Requirement) =

$V_{D.R.}$ = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 =

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ =

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Colt Brown is the owner of permit 65-24118 for irrigation in Valley County. The proof of beneficial use was submitted on 11/20/2023. A field exam was conducted on 6/12/2025. Colt Brown accompanied the water rights agent on the exam. The property is located west of the intersection of State Hwy 55 and Loomis Lane. The point of diversion is located east of the intersection of State Hwy 55 and Farm to Market Road. According to current Valley County tax lot data Colton S Brown is the current owner of the land appurtenant to the place of use. Needles View Ranch LLC is the owner of the property appurtenant to the main pumping station and the booster pump. Myron Dale Loomis Jr. is the owner of the land appurtenant to the point of diversion from Gold Fork River.

The system uses a small pushup dam on a side channel of the Gold Fork River. This dam sends water through a culvert and into a short canal. The water travels about 700 feet before it reaches a concrete vault that holds a GE 50-horsepower pump. This pump lifts the water about 10 feet. From there, the water moves through about 5,000 feet of pipeline. The pipe goes north for about 1,290 feet, then turns west for another 3,710 feet until it reaches two 40-horsepower booster pumps. One pump sends water to the Needle View Ranch pivot, and the other sends water to Mr. Brown's pivot. From the booster pump to the Brown pivot, the pipeline is another 1,250 feet long. The center pivot is a Lindsay Zimmatic Gen II 7-tower (1,278 feet) half pivot with a design flow of 400 gpm (0.89 cfs) at 35 psi. It is outfitted with Nelson R3030 Rotators and 20 psi regulators.

The original permit allowed irrigation on 89 acres, but only 64 acres were developed during the development period. I am recommending a place of use of 64 acres.

There wasn't enough pipe between the pump outlet and the drop pipe to install a flow meter. The Beneficial Use Exam Rules (IDAPA 37.03.02) allow an exception to measuring flow if the design of the diversion system makes it impossible to measure the flow rate accurately. The design flow rate for the center pivot is 400 gpm or 0.89 cfs. The beneficial use standard rate is (65 acres x 0.02 cfs/acre) 1.30 cfs. I am recommending the design flow rate of 0.89 cfs.

There are five other water rights that take water from the same diversion point as 65-24118. These overlapping rights are 65-2608 (Kleint), 65-2642 (Elison), 65-2661 (Kleint), 65-22348 (Kleint), and 65-22519 (Kleint). The only overlapping right on the place of use is the supplemental groundwater permit 65-24020 (Brown).

During the examination it was observed that the development of the project was not in compliance with the conditions of the permit. In particular, condition 01J, which reads:

"*Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works.*"

Additionally, on May 10, 2024, the *Preliminary Order Requiring Controlling Works and Measuring Devices in Water District 65, Payette River and Tributaries* was sent to many water users in WD65. Due to the measurement order a waiver of condition 01J from the watermaster for Water District 65 is unlikely to be approved. Before a license recommendation can be approved a measuring device acceptable by IDWR standards and requirements must be installed. Once the measuring device is installed and photo documentation is provided to the department as evidence a license may be issued.

On July 7, 2026, the water resource agent noted that a measuring device had been installed on the main pump at the Gold Fork River, bringing the permit into compliance.

Retained conditions R62, R05, 948, 185, and 004. Condition 121 was updated to 103 as per department standards. See above narrative for condition 01J.

Have conditions of permit approval been met? X Yes ____ No

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Volume
IRRIGATION	4 /15 to 10/31	0.89 CFS	
	Totals:	0.89 CFS	

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

Allen Bradbury - Water Resource Agent, Senior

Field Examiner's Name Allen Bradbury Date 8/13/26

Reviewer _____ Date 8/21/26

IDAHO DEPARTMENT OF
WATER RESOURCES

Western Region • 2735 W Airport Way • Boise, ID 83705-5082
Phone: 208-334-2190 • Fax: 208-334-2348 • Email: westerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little **Director Mathew Weaver**

June 15, 2026

COLT BROWN
PO BOX 606
DONNELLY ID 83615-0606

RE: Water Right Permit No. 65-24118

Dear Mr. Brown:

The Department of Water Resources (IDWR) is reviewing the above referenced permit so we can issue a license for the uses developed. During the field examination it was observed that the development of your project was not in compliance with the conditions of the permit:

> "*Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works.*"

The Department's field examiner did not find a measuring device on your diversion. You must resolve this issue before a license can be issued. Pursuant to Idaho Code § 42-219(6), if the conditions of approval on a permit are not complied with, IDWR may issue an order voiding the permit or issue a license for only that portion of the authorized use developed in accordance with the permit.

You have some options to resolve this issue. You can (1) submit documentation that you have complied with this condition and our examiner was not informed of the compliance at the time of the exam, you can (2) install the required measuring device and submit documentation of the installation, or you can (3) request removal of this requirement from your permit. If you request removal of the requirement, you should also submit documentation that this request would be acceptable to the watermaster of Water District No. 65. If you request a waiver of the requirement, IDWR will consider your request and notify you of the decision in writing.

For your convenience, I have included the *Minimum Acceptable Standards and Requirements for Open Channel and Closed Conduit Measuring Devices*, *IDWR List of Approved Closed Conduit Flow Meters*, and the *Preliminary Order Requiring Controlling Works and Measuring Devices in Water District 65, Payette River and Tributaries*.

On May 10, 2024, the *Preliminary Order Requiring Controlling Works and Measuring Devices in Water District 65, Payette River and Tributaries* was sent to water users in WD65. Due to the

measurement order a waiver of the condition from the watermaster for Water District 65 is unlikely to be approved.

IDWR will withhold further action on your permit for **30 days** from the date of this letter in order to allow you time to respond. If IDWR does not receive a response from you within this time period, it will be assumed that you are not interested in pursuing a water right license, and action will be taken to void your permit. If you need additional time to respond, please contact me to discuss your options.

If you have any questions, please do not hesitate to call me at 208-605-4623.

Sincerely,

Allen Bradbury

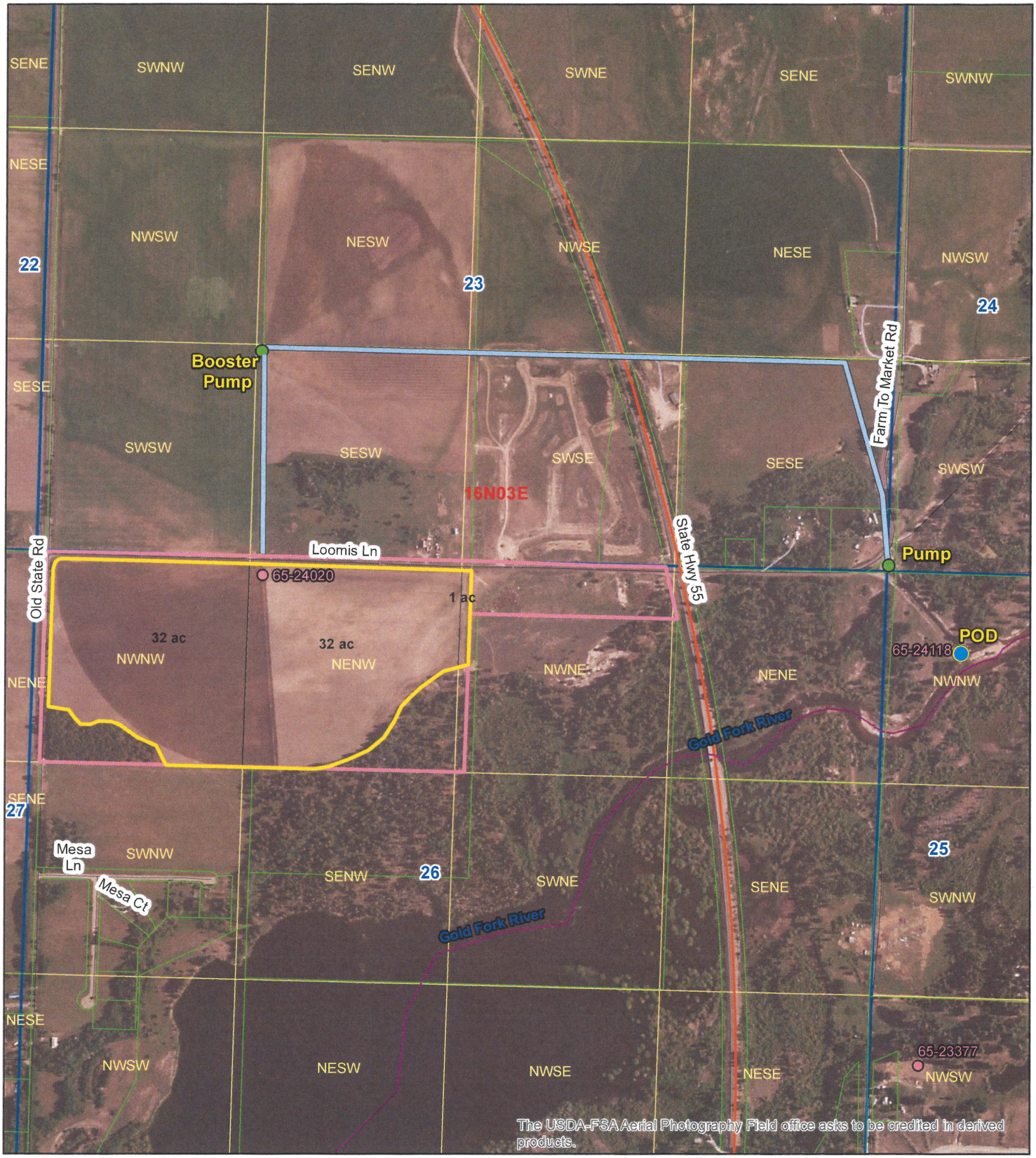
Allen Bradbury
Sr. Water Resource Agent

Enclosure(s):

Minimum Acceptable Standards and Requirements for Open Channel and Closed Conduit Measuring Devices
IDWR List of Approved Closed Conduit Flow Meters
2024 Preliminary Order Requiring Controlling Works and Measuring Devices in Water District 65

Delivery System Diagram

Water Right No. 65-24118 Brown
- Gold Fork River,Irrigation (0.89 cfs on 65.0 acres)



Point of Diversion
Permit Place of Use
License Place of Use
Pipeline

0 0.25 0.5 Miles

16N03E26 **65-24118 Overlap Analysis - POU**

Process	WR#	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Acres	
Water Permit	65-24118	BROWN, COLT	GOLD FORK RIVER	IRRIGATION		11			40	38											89	
Water Permit	65-24020	BROWN, COLT	GROUND WATER	IRRIGATION		8.5			40	40											88.5	overlaps
Water Right	65-2596	ROBERTS, CARL	GOLD FORK RIVER	DOMESTIC										X								
Water Right	65-10943	GOLD FORK IRRIGATING CO LTD	GOLD FORK RIVER	IRRIGATION															X	X		
Water Right	65-2256	GOLD FORK IRRIGATING CO LTD	GOLD FORK RIVER	IRRIGATION															X	X		
Water Right	65-2596	ROBERTS, CARL	GOLD FORK RIVER	IRRIGATION							36.5			17.5							54	
Water Right	65-22433	ROBERTS, CARL	GOLD FORK RIVER	STOCKWATER							X			X								
Water Right	65-22476	GOLD FORK IRRIGATING CO LTD	GOLD FORK RIVER	STOCKWATER															X	X		
Water Right	65-24055	BROWN, COLTON S; BROWN, KENDRA D	GROUND WATER	DOMESTIC		X																overlaps
Water Right	65-24055	BROWN, COLTON S; BROWN, KENDRA D	GROUND WATER	STOCKWATER		X																overlaps
Water Right	65-8568	BROWN, COLTON S; BROWN, KENDRA D	GROUND WATER	STOCKWATER					X													overlaps
Water Right	65-8567	STONE, JAMES S; STONE, RACHEL M	SPRING	STOCKWATER					X													overlaps
Water Right	65-8569	BROWN, COLTON S; STONE, RACHEL M	GROUND WATER	DOMESTIC		X																same QQ
Water Right	65-8569	BROWN, COLTON S; STONE, RACHEL M	GROUND WATER	STOCKWATER		X																same QQ
Water Permit	65-23925	KNIFE RIVER CORPORATION MOUNTAIN W	GROUND WATER	COMMERCIAL																X		
Water Right	65-10176	KANTOLA, JOHN W; KANTOLA, MARGARET	GROUND WATER	DOMESTIC																X		
r Right	65-17571	GESTRIN, ROBERT W; GESTRIN, VERNA	GROUND WATER	DOMESTIC																X		
Water Right	65-17580	KNIFE RIVER CORPORATION MOUNTAIN W	GROUND WATER	DOMESTIC																X		
Water Right	65-18004	GESTRIN, ROBERT W; GESTRIN, VERNA J	GROUND WATER	DOMESTIC																X		
Water Right	65-7355	STONE, JAMES S; STONE, RACHEL M	GROUND WATER	DOMESTIC													X					

16N03E25 **65-24118 Overlap Analysis - POD**

Process	WR#	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Acres	Rate	Priority
Water Right	65-2608	KLEINT, GRETEL M; KLEINT, PAUL R	GOLD FORK RIVER	IRRIGATION						X											249	3.02	9/1/1955
Water Right	65-22519	KLEINT, GRETEL M; KLEINT, PAUL R	GOLD FORK RIVER	STOCKWATER						X												0.02	9/1/1955
Water Right	65-2642	KLEINT, GRETEL M; KLEINT, PAUL R	GOLD FORK RIVER	IRRIGATION						X											55	0.54	5/7/1959
Water Right	65-2661	ELISON, TAD R	GOLD FORK RIVER	IRRIGATION						X											62	0.54	9/11/1959
Water Right	65-22348	KLEINT, GRETEL M; KLEINT, PAUL R	GOLD FORK RIVER	IRRIGATION						X											10	0.20	4/27/2001
Water Permit	65-24118	BROWN, COLT	GOLD FORK RIVER	IRRIGATION						X											89	1.80	3/4/2021
16N03E26																					465	6.12	
Water Permit	65-24020	BROWN, COLT	GROUND WATER	IRRIGATION					X												89	1.80	3/4/2021



Figure 1. Culvert in streambank diverting water into ditch from the Gold Fork River.



Figure 2. 50 hp pump from ditch, pumps uphill to to 2 40 hp pumps which go to two separate pivots.



Figure 3. Pump lifts approximately 10 feet.



Figure 4. General Electric 5KE326DTT6013D1 50 HP Motor as it appeared in June 2025.



Figure 5. General Electric 5KE326DTT6013D1 50 HP Motor as it appeared in July 2026.

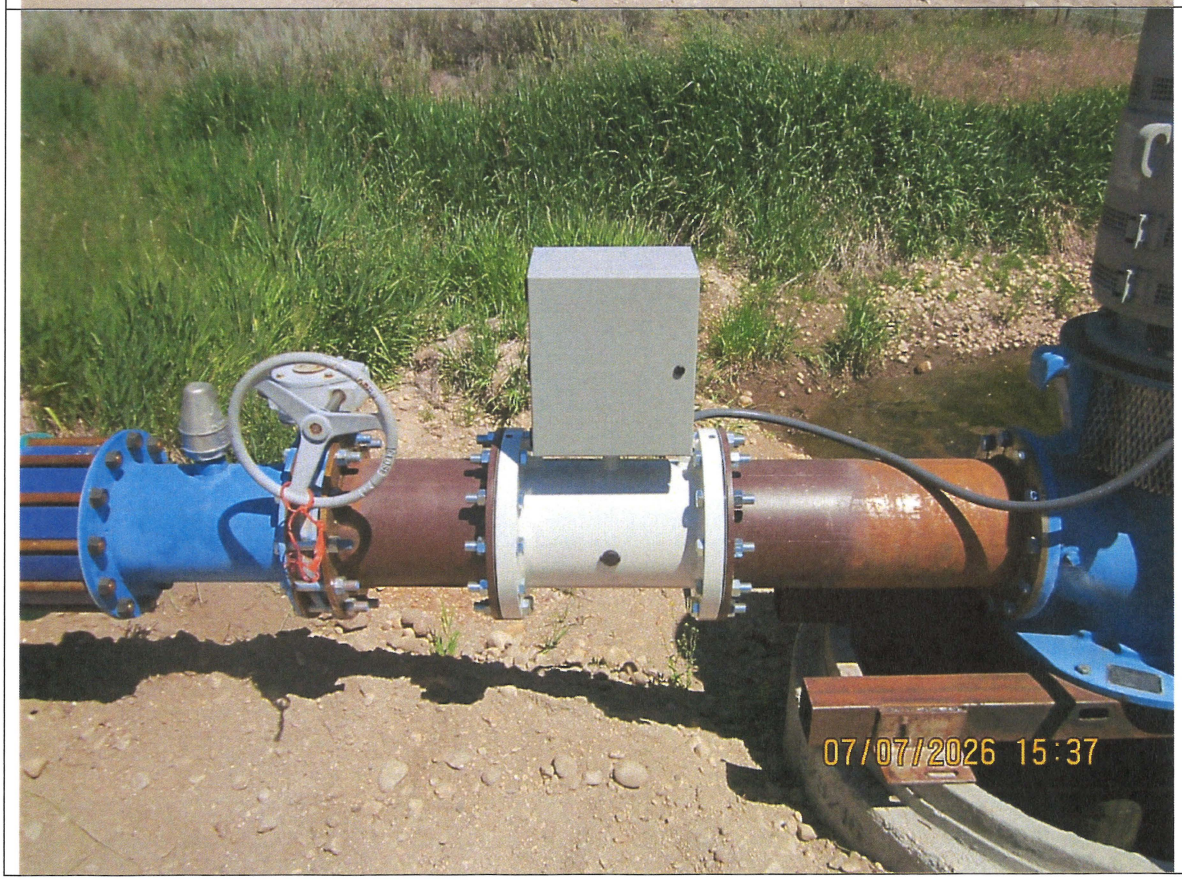


Figure 6. Newly installed flow meter.



Figure 7. 40 hp Baldor pump with Cornell 4rb-40-4 Irrigation Pump to pivot.



Figure 8. Pressure gage at 40 hp booster pump reading 76 psi.



Figure 9. Zimmatic pivot.



Figure 10. Pressure gage at pivot point reading 58 psi.

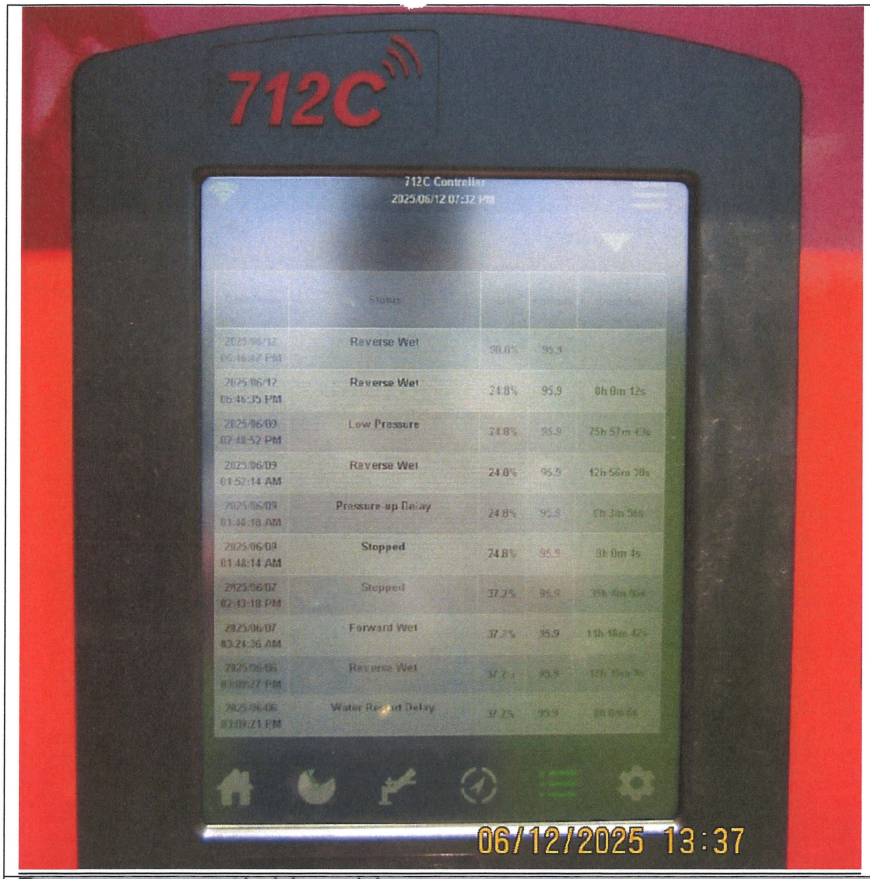


Figure 11. Zimmatic 712C control panel showing percentage rate of pivot speed and duration of water application.

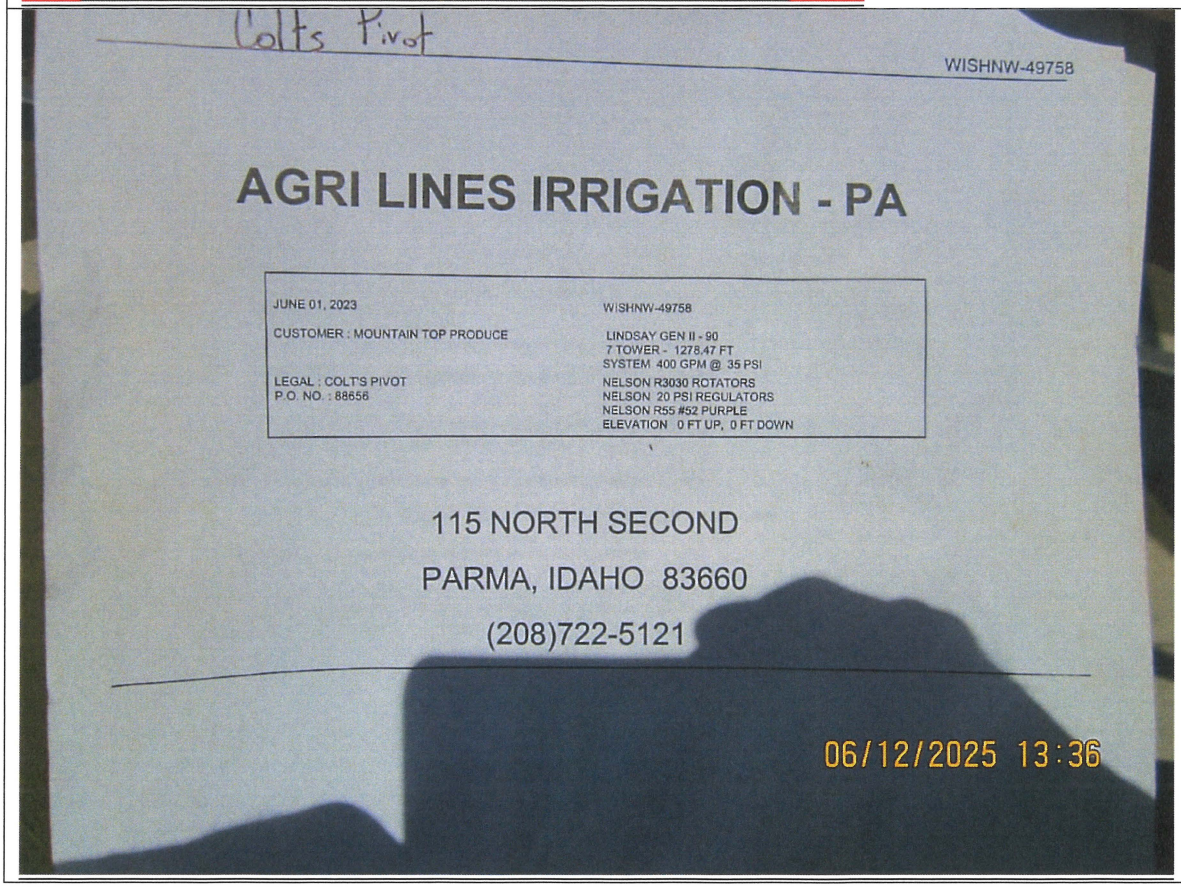


Figure 12. AGRI Lines Irrigation pivot specs showing 7-tower, 1278 foot system designed for 400 gpm at 35 psi.



Figure 13. Looking southeast along 7-tower Zimmatic center pivot.



Figure 14. Looking east along Loomis Lane at west side pivot stop.



Figure 15. Eastern end of field, showing pivot overhang and end gun.



Figure 16. Looking south towards sawmill on 10 acres in NWNE of section 26 which is unirrigated.



Figure 17.
Southwest corner of field.

IDAHO DEPARTMENT OF
WATER RESOURCES

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Governor Brad Little Director Mathew Weaver

April 18, 2025

COLT BROWN
PO BOX 606
DONNELLY, ID 83615-0606

RE: Scheduling Field Exam for Water Right Permit No. 65-24118

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 **1.80 cfs from the Gold Fork River for irrigation of 89.0 acres**. **If you have developed a beneficial use 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 a Relinquishment of Permit form (no fee required).

If you developed a beneficial use of water under the permit but no longer own the place of use property identified in the permit, please submit an Ownership Change form with the applicable $25 processing fee. The Relinquishment of Permit and Notice of Change of Water Right Ownership forms can be found at this link: https://idwr.idaho.gov/form/water-rights-forms/

Please contact me within the next **thirty (30) days** at (208) 605-4623 to either schedule an examination or submit a Relinquishment of Permit and Notice of Change of Water Right Ownership 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,

Allen Bradbury

Allen Bradbury
Water Resource Agent, Sr.
IDWR Western Region

Enclosure: Proof Report and Map