

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-13609
Exam Date: 10/05/2023

1. Current Owner:
LAST CHANCE DITCH CO PO BOX 428 EMMETT ID 83617
2. Accompanied by: Doyle Fackler, Ditch Manager
Phone No: (208) 890-7331
Address: 118 N. Commercial Ave., Emmett ID 83617
Relationship to permit Holder: Ditch Manager

3. **SOURCE:**
UNNAMED DRAIN

Tributary
PAYETTE RIVER

Method of Determination: On-site Inspection

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
65.54A	Payette River	Irrigation	Decree
65-54B	Payette River	Irrigation	Decree
65-54X	Payette River	Irrigation	Decree
65-23300	Unnamed Drain	Irrigation	License

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A			

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

UNNAMED DRAIN L4 (NW¼ NW¼), Sec. 4, Twp 06N, Rge 01W, B.M. GEM County

Method of Determination: On-site Inspection

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
PODID: 907076					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
4' Cipoletti Weir						

2. Measurements: : 0.42 feet on staff gauge = 3.67 cfs per Water Measurement Manual (Table A7-5, Appendix A-10, USDI Bureau of Reclamation, Third Edition).

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: Volume not required per IDAPA 37.03.02 – Beneficial Use Examination Rules

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS

I met with Doyle Fackler, Ditch Manager for the Last Chance Irrigation Co. on 10/5/2023. He gave me a tour of the company's system and other major diversions near Emmett. We then drove out to the point of diversion for this right. The point of diversion is located on an unnamed drain. At the point of diversion there is a 4' Cipoletti Weir and a headgate. Doyle placed a staff gauge on the weir blade and measured 0.42 feet on the gauge. That measurement is equivalent to 3.67 cfs according to Table A7-5 in Appendix A-10 in the Bureau of Reclamation's Water Measurement Manual. I also could see that there was no water staining on the concrete above the water level, indicating that we were measuring a flow typical of the high flow from this drain. Doyle stated that the drains flow at a fairly consistent level throughout the irrigation season. Recommend licensing 3.67 cfs.

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>	
IRRIGATION	~~3/15 to 11/15~~	3.67 CFS	

P.S. Totals: *3/1 to 11/15* 3.67 CFS

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

Bill Mills -

Field Examiner's Name

Date

Reviewer

Date



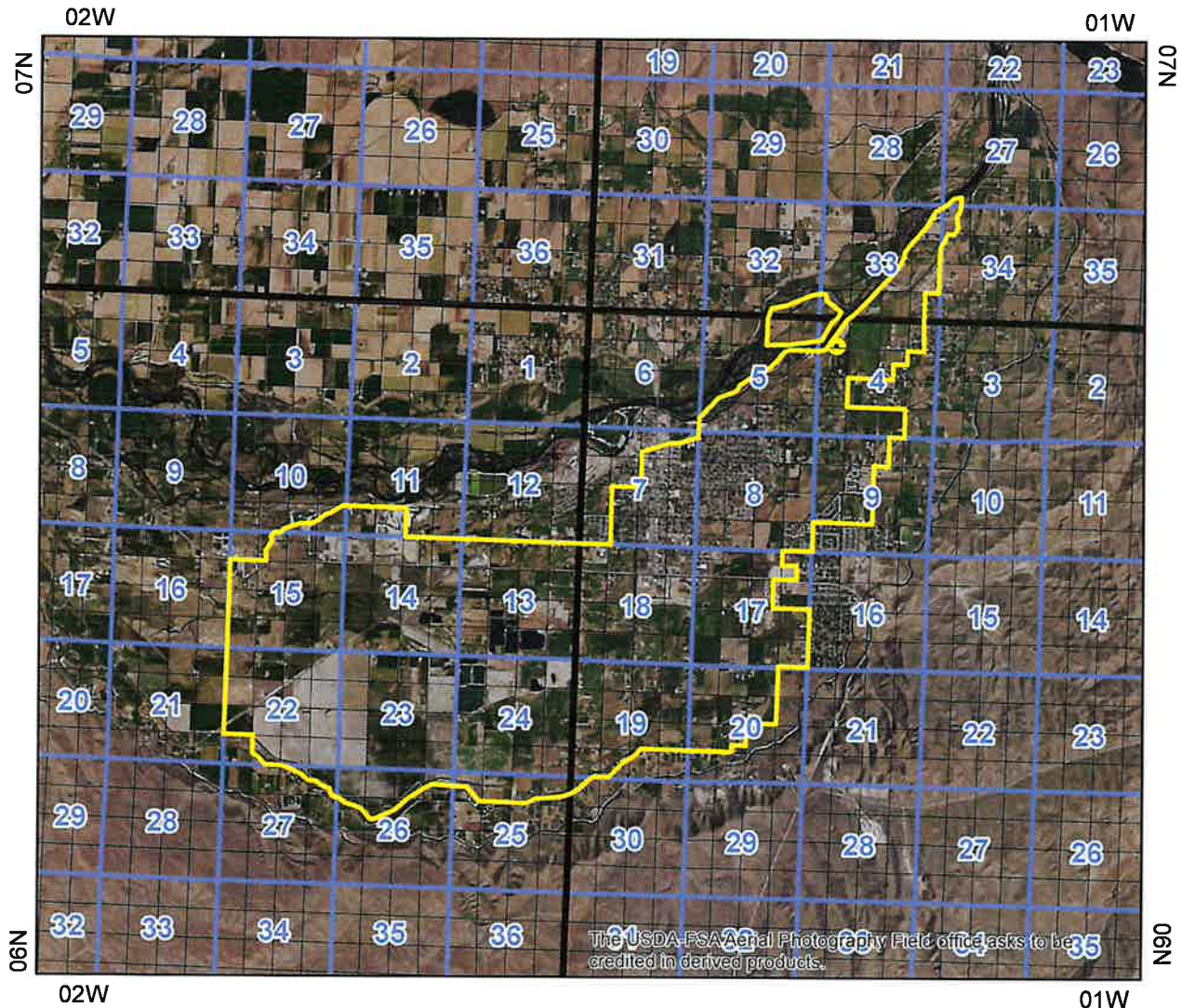
Figure 1: Doyle Fackler, Cipoletti Weir & Headgate



Figure 2: Measurement

State of Idaho
Department of Water Resources
System Diagram
65-13609

This map depicts the IRRIGATION place of use boundary for this water right and is attached solely for illustrative purposes.



-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Point of Diversion

