

MEMO

State of Idaho
Department of Water Resources
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Date: 4/10/2026

To: Water Rights Back Files 37-22252, 37-22313, 37-22318, and 37-22323

From: Collin Macheel, PE, PG, Staff Engineer

Subject: Dry Lot LLC Annual Reporting Review (Report Year 2021-2025)

I. Introduction

This memo reviews the Dry Lot LLC Aquifer Recharge and Pumping Annual Report (2025) submitted under the reporting conditions for licensed water rights 37-22252, 37-22313, 37-22318, and 37-22323. It assesses compliance with required reporting and volumetric limits and summarizes five years of reported data (2021–2025).

Table 1. Water rights included in this review

<u>Water Right No.</u>	<u>Priority Date</u>	<u>Rate (cfs)</u>	<u>Volume (AF/yr)</u>	<u>Acre Limit (ac)</u>	<u>Water Use</u>	<u>Source</u>
37-22252	8/8/2007	0.52	75.4	27.5	Irrigation	Ground Water
37-22313 ^A	3/24/1883	1.33	75.4	N/A	Ground Water Recharge	Big Wood River
37-22318 ^A	3/24/1883	0.16	63.5	N/A	Ground Water Recharge	Big Wood River
37-22323 ^A	3/24/1883	0.17	67.4	N/A	Ground Water Recharge	Big Wood River

cfs – cubic feet per second

AF/yr – acre-feet per year

ac – acres

N/A – not applicable

A – Recharge is intended to offset depletion caused by 37-22252. Combined limit for recharge is 75.4 AF/year.

II. Water right conditions requiring annual reporting

- Recharge rights (37-22313, 37-22318, 37-22323): Report daily recharge volumes.

- Irrigation right (37-22252): Report diversion volumes by authorized points of diversion (PODs); report the number and location (subdivision lot numbers) of acres irrigated; and report the number and location of homes served from shared PODs supplying domestic water.

Reports have been submitted annually meeting the requirements of the licenses.

A. Compliance with the conditions associated with ground water recharge

Annual recharge data with daily records and monthly/annual summaries have been reported each year. A multi-year summary is shown below. Reported totals are below or within $\pm 5\%$ of applicable limits; minor exceedances are consistent with expectations for typical closed-conduit meter accuracy¹.

Table 2. Summary of reported annual recharge

<u>Year</u>	<u>Pre-June 1 (AF)</u>	<u>Annual Total (AF)</u>
2021	29.8	70.7
2022	30.8	75.8
2023	19.2	75.4
2024	17.4	75.5
2025	30.1	76.3
Limit	30.0	75.4

AF – acre-feet

B. Compliance with conditions associated with groundwater diversion

a) Monthly volume diverted from authorized points of diversion

PODs for 37-22252 are shared with rights 37-22252, 37-21337, 37-8613A, 37-8810, and 37-4F are on a combined meter. A separate meter is installed on the diversion for 37-21337; annual diversions have been reported. Monthly diversions from the PODs have been reported annually.

¹ January 2025. Minimum Acceptable Standards and Requirements for Open Channel and Closed Conduit Measuring Devices. State of Idaho Department of Water Resources. URL: https://idwr.idaho.gov/wp-content/uploads/sites/2/water-measurement/MinAcceptStandards_MeasDevices_1_16_2025.pdf

Table 3. Annual reported diversion totals and comparison of limits available

<u>Year</u>	<u>Combined Diversion (AF)</u>	<u>Inline Meter for 37-21337 (AF)</u>	<u>Calculated Overlapping Rights (AF)^A</u>
2021	226.6	4.4	222.2
2022	221.5	3.9	217.6
2023	189.2	4.2	185.0
2024	243.2	5.3	237.9
2025	284.2	7.8	276.4
Limits	347	33	314

A – Calculated value is simply the combined diversion less the inline meter for 37-21337 providing usage estimate for 37-22252, 37-8613A, 37-8810, and 37-4F.

AF – acre feet

b) Irrigated acres associated with 37-22252

The report includes an aerial image overlaid with subdivision lot numbers; irrigated areas are delineated and summarized annually.

Table 4. Summary of annual irrigated acres reported

<u>Year</u>	<u>Acres</u>
2021	25.8
2022	27.5
2023	27.5
2024	27.5
2025	27.5
Limit	27.5

c) Domestic homes served from shared PODs

Rights 37-8613A and 37-8810 supply domestic water from shared PODs and to lots within the POU associated with 37-22252. A total of 197 housing facilities are permitted under these rights.

Table 5. Summary of annual domestic lots served

Year Lots Served

2021 58

2022 63

2023 67

2024 69

2025 70

Limit 197

III. Conclusion

License 37-22252 specifies: “The annual volume of water diverted under this right shall not exceed the annual volume of water delivered into the infiltration basin for ground water recharge under rights 37-22313, 37-22318, and 37-22323 as measured at the point of recharge.” The report does not directly separate diversions by right; therefore, for compliance screening we can only assume diversion under 37-22252 equals the measured recharge volume under 37-22313, 37-22318, 37-22323 each year (Table 2) and attribute remaining diversions to other rights in the shared portfolio (Table 6). Under this assumption, the license holder appears compliant.

Table 6. Estimated diversion under portfolio (assuming 37-22252 diversion = measured recharge)

Year	Estimated Diversion under 37-8613A, 37-8810, 37-4F (AF)
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2021	144.9
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2022	146.9
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2023	109.2
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2024	162.5
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2025	200.9
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Limit	238.6
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