

MEMORANDUM

To: Water Right File: 37-22252, 37-22313, 37-22318, 37-22323
From: Ashley Ritter
Date: May 2, 2019
Re: Annual Reporting Requirements Review

Intro

On January 31, 2019, IDWR received the 2018 Aquifer Recharge and Pumping Report for the above water rights (37-22252 is a license, 37-22313, 37-22318, 37-22323 are included in transfer 74449). The report was submitted by Eric Powell with Brockway Engineering on behalf of the right holder, Dry Lot LLC.

Water right 37-22252 Condition of Approval two (2) states:

"By January 31 of each year the right holder shall report to the Department:

- a) The volume of water diverted from the authorized points of diversion for each month of the prior calendar year,
- b) The number and location (by subdivision lot number) of the acres of land irrigated in connection with the right during the prior calendar year, and
- c) The number and location (by subdivision lot number) of the homes served domestic water from the authorized points of diversion pursuant to other rights during the prior calendar year."

Transfer 74449 (includes 37-22313, 37-22318, and 37-22323) Condition of Approval five (5) requires the amount of water injected for ground water recharge to be reported and submitted annually.

Review of report

Dry Lot LLC rights 37-22313, 37-22318, and 37-22323 authorize the recharge of up to 75.4 acre-feet of water from the Big Wood River through the adjacent Hiawatha Canal and Valley Club golf course irrigation system. Water right 37-22252 authorizes the extraction of irrigation water from the existing Valley Club Home Owners Association's wells for the irrigation of up to 27.5 acres anywhere within 99 currently platted subdivision lots.

It is reported that in 2018, 267.5 acre-feet (an increase of 33.6 AF over 2017) was pumped from the Valley Club HOA wells for domestic use in 49 residences and irrigation uses associated with 48 residences in the Valley Club subdivision. (Water right 37-21337 also uses the Valley Club wells as diversion points and estimated usage was 5.4 acre-feet).

The total diversion volume associated with the irrigation of 29 lots (under water right 37-22252) was reported as 17.3 acre-feet, which requires 47.4 acre-feet to be infiltrated. In 2018, 26.1 AF was recharged before June 1st and 50.3 AF of water was recharged through August 10th, leaving an excess of 29.0 AF infiltrated.

Dry Lot LLC daily infiltration volumes were submitted attached to the 2018 Aquifer Recharge and Pumping Report.

Conclusions

The 2018 Aquifer Recharge and Pumping Report for water rights 37-22252, 37-22313, 37-22318, 37-22323 has been reviewed, and reporting requirements for the above water rights have been satisfied