

MEMORANDUM

To: Water Right File No 63-32680, 63-33207, 63-33296, 63-34038, 63-34221, and 63-34202
From: Ashley Ritter
Date: September 3, 2019
Re: Annual Monitoring Report CS Development, LLC (J R Simplot Co) Review

Intro

On April 26, 2019, SPF Water Engineering (SPF) submitted Annual Monitoring Report for Permits 63-32680, 63-33207, 63-33296, 63-34038, 63-34221, and 63-34202 and an excel file containing water level data. Kurt Newbry (SPF) submitted the items on behalf of J R Simplot Company, holder of the six rights.

Annual Reports are a requirement of the Monitoring, Recording and Reporting Plan for Permits 63-32680 and 63-33296. (A copy of the monitoring plan can be found in water right file 63-32680). On demand reports are requirements of permits 63-33207, 63-34038, 63-34221, and 63-34202.

Review of Report and Data

In summary, the annual monitoring plan requires: annual reporting of any physical changes to the works; monthly and total volumes diverted during the reporting period; depth of water in all wells prior to pumping and during pumping; submittal of raw data in MS Excel and hydrographic analysis of the raw data. The on-demand reporting for 63-33207, 63-34038, 63-34221, and 63-34202 require similar submittals

Irrigation Well #1 has a pinched sounding tube, preventing installation of a transducer to collect water level measurements. A large amount of oil is present within the well making water level measurement collection with a sounder difficult. The transducer which was removed in November 2016 has not been replaced. A new transducer was installed in the nearby Drill Water Supply Well during January 2018 to act as a replacement data collection location for Irrigation Well #1.

The pump in Irrigation Well #2 seized up in August 2018 and was removed for repairs along with the monitoring tube and airline. The pump and airline were reinstalled in September 2018, and monitoring tube was reinstalled in October 2018.

Irrigation Well #4 was brought online towards the end of the 2018 irrigation season. The first full irrigation season for this well will be in 2019.

The 2018 water level fluctuation in the monitoring well was approximately 7 feet. There was an approximate 1-foot water level decrease between November 2017 and November 2018.

Plant #1 (East) and #2 (West) were used throughout 2018 to supply industrial water for the CS Beef Packers Plant.

Conclusions

The reporting plan for the above permits have been satisfied and the permit holder appears to be operating in compliance with the conditions of the permits.