

MEMORANDUM

Date: March 24, 2017
To: Water Right File 63-32680, 63-33207, 63-33296 and 63-34038
From: Michele Edl
Re: Annual monitoring reports CS Development, LLC (J R Simplot Co) well system

Intro

On February 16, 2017 SPF Water Engineering submitted Annual Monitoring Reports for Permits 63-32680, 63-33207, 63-33296 and 63-34038 and a diskette attachment. Terry M Scanlan (SPF Water Engineering) submitted the items on behalf of J R Simplot Company, holder of the four rights.

Annual reports are a requirement of the Monitoring, Recording and Reporting Plan for Applications Permit 63-32680 and 63-33296. (A copy of the monitoring plan can be found in water right file for 63-32680.)

On-demand reports are requirements of permits 63-33207 and 63-34038.

Review of report and data

In brief, the annual monitoring plan requires: annual reporting of any physical changes to the works; monthly and total volumes diverted; depth of water in the wells prior to pumping and during pumping; submittal of the raw data in MS Excel and Hydrographic analysis of that raw data.

The on-demand reporting for 63-33207 and 63-34038 requires similar submittals but according to information in this annual report, no diversion has yet occurred under these two permits.

There were problems with the operations of both Well #1 and Well #2. As is required by the monitoring plan, those problems were identified and discussed in the report. They will be addressed in the 2017 season in addition to putting Well #3 into service.

The data logger data showed water temperatures above 85 deg F (max 185 deg F). However, the temperatures indicated misapplication of the well-pump's variable drive operation, not the finding of low temperature geothermal water.

Conclusions

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