

# 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

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## **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.