



December 6, 2018

To: Frances Mizuno, Assistant Executive Director

From: Bob Martin, Engineering & Planning Department Manager

Subject: SGMA Report for November 2018

Sustainable Groundwater Management Activity Summary:

Northern and Central Delta-Mendota Region –

Zachary Roy finalized water surface elevation maps from Water Year 2003 and Water Year 2013 to assist the consultants in calculating water budgets, boundary flow conditions, and change in storage. The maps will be used to develop water level contours by Kenneth Schmidt and Associates, in order to develop a Delta-Mendota subbasin water budget using historical field measurements. This step was necessary due to the Authority not receiving a calibrated version of the USGS CVHM2 model in time to coordinate water budgets with other agencies in the subbasin. As a reminder, rather than solely relying on the USGS provided groundwater model (which is currently being calibrated to stakeholder water level data), the historic and current water budget was developed using specific model data sets and actual depth to groundwater measurements, groundwater elevation contours, and surface water delivery information.

The joint North and Central Committee meeting was moved to December 5th due to the holidays at the end of November and December. The Northern and Central DM Region Technical Working Group continued to work through water budget results, land use data, ET data and applied water values for each of the participating agencies. The results are not yet final, but are closer to real-world understanding of the stakeholders than the CVHM2 preliminary outputs.

The Second Amendment to the Northern and Central Region Activity Agreements is in final form, with parties anticipated to continue execution through December. A final executed copy will be distributed to all parties when each agency has provided signatures and a final copy is filed internally.

General SGMA Activities:

A Delta-Mendota Subbasin Technical Working Group workshop was held on October 30th, with a focus on preliminary water budget results. The technical working group was tasked with providing specific information following this meeting to the consultant to compile prior to a follow-up meeting in November. This meeting was led by the Woodard

& Curran team, with weekly teleconferences of this workgroup coordinated by them as well.

The Delta-Mendota Subbasin Technical Working Group discussed strategies and data sets for subsidence monitoring, identifying critical infrastructure, and determining sustainability criteria within the Subbasin. In November, the Technical Working Group will focus on water quality criteria, management areas, and monitoring.

At the end of October, the Delta-Mendota Subbasin held three community workshops. These public meetings introduced the use of water budgets and water models within the Subbasin's groundwater sustainability plan development. The workshops were held in Firebaugh, Los Banos, and Patterson. The Delta-Mendota Subbasin Communications Working Group developed the materials and outreach strategies for the workshops. The next set of public workshops will be held in early 2019. These meetings will provide water budget results developed throughout the Subbasin that will inform future GSP implementation processes.

The Delta-Mendota Subbasin Coordination Committee met on November 19th and reviewed strategies for determining water budgets for historical, current, and projected results. The Coordination Committee also discussed incorporating climate change factors into water budget modeling and calculations, as well as determining gaining and losing reaches along the San Joaquin River. The Authority presented further information regarding the inclusion of an unmanaged area of San Benito County in the region's GSP, which was agreed upon by both the North and Central Committees, with written approval on this concept by DWR and the State Board. San Benito County currently has a signed Memorandum of Agreement to execute for inclusion in the region's GSP, which will be entered into with the Central DM Region Multi-Agency GSA.