

Basin Monitoring Program Task Force Imported Water Rechargers Committee

Meeting Summary

March 24, 2020 11:30 am

Signatories to the Cooperative Agreement

City of Corona / EMWD / EVMWD / OCWD/ SGPWA / SBVMWD/ WMWD

Attendees

Cindy Li, Regional Board
Jesus Gastelum, EVMWD
Al Javier, EMWD
Ryan Shaw, WMWD
Mallory Gandara, WMWD
Greg Woodside, OCWD
Kevin O'Toole, OCWD
Bob Tincher, SBVMWD
Tom Moody, City of Corona
Jennifer McMullin, City of Corona
Jeff Davis, SGPWA
Johnson Yeh, Geoscience
Mark Norton, SAWPA

1. Introductions

Mr. Norton welcomed everyone to the Zoom virtual meeting call.

2. Update on Modeling Schedule for Geoscience Inc. Upper Santa River Watershed Integrated Tool

Johnson Yeh of Geoscience indicated that his firm is under contract with SBVMWD to develop a water quality component to the Upper Santa Ana Watershed Integrated Tool and it should be ready in about six months. He indicated that it would still need to go through peer review which is being conducted by USGS and a firm called Blue Groundwater. The Committee was asked if the model with the water quality component could also then be used for the task that the Basin Monitoring Program Task Force undertakes of the triennial ambient water quality update for TDS and Nitrate for all groundwater management zones that the tool covers. He indicated that with some modifications the historical well data necessary for the ambient water quality is dependent on data, previous 20-year period, but could be evaluated for each management zone.

Greg Woodside asked if the statistical calculations T-test that is currently used to calculate the volume weighted average values would still be used. Mr. Johnson indicated they could do that. Jesus Gaselum expressed concern that there is a distinction between the two processes since the

ambient water quality uses actual well data and not calculated water quality based on the model. Mr. Johnson still felt confident that it could be done and indicated that Geoscience had done the same thing for the Riverside Arlington Basin model runs. Greg Woodside indicated that a calibration needs to occur for each individual groundwater management zone. Johnson Yeh acknowledged that there might be local variations of quality and flow in a groundwater management zone which the new Upper Santa Ana Watershed Integrated Tool may not be able to accommodate. However, they will have the water level contours and the water quality for each groundwater management zone. Ryan Shaw asked if he could get a copy of the scope of work for what Geoscience is doing with the water quality development? Bob Tincher indicated that he could provide that to the group.

3. Modeling Schedule for Other Basins like Orange County

Mr. Norton shared the draft schedule that was put together by Bob Tincher that showed the proposed reporting schedule for the groundwater modeling proposed under the Amendment No. 1 for the Cooperative Agreement for Imported Water Recharge. The originally schedule showed that the next round of modeling starting in the upper watershed would be provided in the Year 2020 for Beaumont, Yucaipa and San Timoteo, Bunker Hill (A &B), Lytle, Rialto and Colton, Riverside A thru F, Arlington, Temescal and Elsinore, and San Jacinto. Cindy Li indicated that the schedule shows that the groundwater modeling for Beaumont, Yucaipa and San Timoteo, Bunker Hill (A &B) had been deferred from 2018 and 2019 to the Year 2020 based on feedback from the Regional Board allowing for more time for those models.

4. Need to Request Time Extension of Regional Board

The Committee agreed that preparing a new time extension request to the Regional Board was recommended to accommodate the additional six months needed for the development of the water quality component to the Upper Santa Ana River Watershed Integrated Tool. Mr. Tincher said he would prepare a draft letter and share it would the group.

It was noted that the Amendment No. 1 to the Cooperative Agreement for Imported Water Recharge had been signed by all parties except the Regional Board

5. Schedule next meeting

The next meeting was scheduled to occur on at 12:30 pm on April 22, 2020 just prior to the next Basin Monitoring Program Task Force which is scheduled to occur at 1:30 pm that same day.

6. Adjourn