

Imported Water Recharge Technical Committee

Meeting Summary

January 11, 2017

Signatories to the Cooperative Agreement

City of Corona / City of Riverside / City of San Bernardino MWD
EMWD / EVMWD / OCWD/ SGPWA / SBVMWD/ WMWD

Attendees

Cindy Li, Regional Board	Ryan Shaw, WMWD (via teleconference)
Jesus Gastelum, EVMWD	Fakhri Manghi, WMWD
Joe LeClaire, CDM Smith	Greg Woodside, OCWD
Al Javier, EMWD	Marsha Westropp, OCWD
John Daverin, EMWD	Mark Norton, SAWPA
David Telles Foster, Chino Basin Water Master	Dawna Munson, SAWPA

Call to Order / Introductions

The Imported Water Recharge Technical Committee meeting was called to order at 1:30 p.m. at the Santa Ana Watershed Project Authority at 11615 Sterling Avenue, Riverside, CA. Brief introductions were made.

Review Meeting Summary

The meeting summary from May 9, 2016 was deemed acceptable.

Basin Monitoring Program Task Force Activities

Mark Norton provided a brief update of activities for those who don't regularly attend the Basin Monitoring Program (BMP) meetings. Some of the activities we're currently engaged in now is that Joe LeClaire of CDM Smith is working on the Triennial Ambient Water Quality Update to be completed by July 1, 2017; they're working with Daniel Stevens and moving along with that.

The Task Force is working on a Basin Plan Amendment for two things: one is the Santa Ana River waste load allocation that was done in 2008, and we're now putting that into a Basin Plan Amendment. The other is a Basin Monitoring Amendment for a change in the Chino South objective from 4.2 to 5 for nitrate. That work is currently in process and Tim Moore/Risk Sciences is working on that and has prepared a staff report to be reviewed by the Regional Board.

The BMP Task Force also is working on updating the Santa Ana River Waste Load Allocation model. They sent out an RFP, and a panel comprised of some of the Task Force agencies have reviewed the proposals and conducted interviews. The panel ultimately recommended to the BMP Task Force to select Geoscience for the consultant work doing the update, and that will go to the SAWPA Commission on January 17. The Task Force also has its annual water quality update; the next one will be completed by August 2017.

Another part of the BMP Task Force work is addressing a priority to the Regional Board under their triennial reviews, the drought policy. We've been working closely with the Southern California Salinity Coalition, who also saw some merit in having a drought policy. They've agreed to fund the technical analysis for it, and Tim Moore/Risk Sciences has prepared the scope for that. He's working with both the Basin Monitoring Program Task Force and the Southern California Salinity Commission. The first step is to gather data in looking at the TDS trends as primarily a result of drought conditions. They will be collecting data from about eight waste water and water agencies. The RFP has just been finalized, so if the group knows of

anyone who may be interested, please inform them of the RFP. The deadline is February 5. Once that consultant is hired, they will engage in this technical work, and once that's completed in June-July 2017, it will be brought over to the BMP Task Force and that will be the basis by which they begin to look at a new drought policy for the Regional Board. Mr. Norton noted it's not actually called a drought policy at this point—it's actually going to be some modification to the regulatory permits.

Imported Water Recharge Budget

Mark Norton provided some background about how when this group was first formed and the cooperative agreement was put together, at that time the group wanted to keep this general as far as administration goes. We've been operating this IWR Technical Committee with carryover funds since the time it was assigned back in 2008; it's been very low cost. We're now at the stage where next year will be the last year covered by carryover funds. Some years it has ranged around \$6,000 and some years \$10,000, depending on the work being done. This year and next year will be low expense years as there isn't a lot going on. For FY 2018-19 when the work picks up, we'd be seeking about \$1,000 per agency. However, we don't have an actual agreement for this funding, so we may need to amend the agreement to account for that. This will most likely happen in 2018. If there are any additional tweaks to it, such as the signatories, that would be done at that time as well.

Discussion ensued on potential additional signatories to the agreement, whether they'd need to obtain a permit, and how it may be best if the Regional Board could reach out to known parties that may want to join.

There was brief discussion that this group started out as a sub-committee of the IWR Workgroup, and perhaps the distinction between the Technical Committee and the Workgroup is no longer worth noting, as the workgroup no longer meets. Mark Norton said this group was designated as a technical group in the agreement, and the "technical committee" is referenced throughout the agreement.

Canyon Basin Groundwater Model Status Presentation – EMWD & CDM Smith

EMWD's consultant, Joe LeClaire from CDM Smith reviewed the Grant Avenue Ponds site map and the flow trends; the initial conditions and historical values for TDS and nitrate; the TDS and Nitrate mass balance and the time steps; the recharge and discharge terms; the changes in storage in the Canyon groundwater mgmt. zone; the average percentages of the recharge terms displayed by scenarios 1-4; displayed the probability curve for TDS in imported water supply from Lake Silverwood and did same for nitrate; the TDS projections for Canyon GMZ with long term average SWP TDS at 250 mg/L and that most would be below the objective in 2021, and (the same) for SWP TDS at 350 mg/L and for SWP nitrate at 0.75 mg/L; showed a summary of water quality projections for the four scenarios; reviewed the Grant Ave Ponds summary.

A brief question and answer period ensued. Joe LeClair documented the comments made and will send them to Mark Norton. A printout of the presentation is attached to this meeting summary

Schedule for Future Cooperative Agreement Obligations

Mark Norton said there had been a request for a summary template for the cooperative agreement reports, which he displayed and briefly reviewed. A recharge report is due every three years.

Roundtable Status Report on other Groundwater Management

Fakhri Manghi/WMWD said that for Arlington, he had mentioned previously that they'll be doing percolation tests in the Arlington Basin at a small basin called Victoria Basin. They conducted tests from May 1 to July 21. Each basin is half acre and the water used for the percolation test was non-potable water, so it was clean and no sediment in it. The percolation test high conductivity vertical varied from 3.5 to 11 feet per day. They used the 3.5 number to complete the design. They have the PDR now at 50% design. They hope to put it on WMWD's website late next month for bidding, and should start construction by the end of May. The project has three grants: Proposition 84, Riverside County Flood Control District, and the third one is a \$3 million grant from the Bureau of Reclamation. The total cost of the project is estimated at \$10 million.

There is nothing to report on sustainable groundwater management at this time.

EVMWD/Jesus Gastelum said the Elsinore Valley Basin is now basically divided into two sub-basins – the Elsinore sub-basin and the Cold Water Sub Basin. As part of SGMA they are in the process of applying for an ESA for the Elsinore Valley sub-basin. For that Cold Water Sub-basin, they're working with the City of Corona and the EVMWD to become a JPA to become the ESA for that basin. The deadline is June 30, 2017. The plan is to have a public meeting by the end of February.

Al Javiar/EMWD said that for San Jacinto Valley regular basin, the east side is adjudicated. Eastern has applied for and it's posted on the DWR website for the GSA on the west side. They're currently leading efforts with an advisory committee formed under AB3030 on the west side. So, it's a big step to take the lead on the GSA on the west side.

Greg Woodside/OCWD said they did a relatively small basin boundary modification and collaborated with their other stakeholders. One of their stakeholders outside their boundary is in the city of Brea and La Habra. Most of Brea and La Habra are outside their district, but they have chunks in the basin. They had a technical based change, not a jurisdictional boundary change. Some boundary changes are adjusting on the southeast side. They did an alternative that covers their whole basin and it's out for public comment right now, and it goes onto DWR's website. He noted there are currently about 25 alternatives in the State that are out for public comment for 60 days. Some discussion ensued.

Schedule Next Meeting

Mark Norton stated there isn't a need for another meeting until early 2018. Thinking forward, everything is due in June 2018. We can gather the IWR Workgroup of agencies in early 2018 and they can review a draft agreement to fund the next fiscal year, whether it's by a new agreement or an amendment. This Technical Committee probably won't need to meet until late 2017 or early 2018. Staff will send out a Doodle Poll prior to that time to schedule the best time to meet next.

Adjournment

The meeting adjourned at 3:15 p.m.