

# Imported Water Recharge Technical Committee

## Meeting Summary

May 9, 2016

### Signatories to the Cooperative Agreement

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

#### **Attendees**

Veva Weamer, WEI  
Cindy Li, Regional Board  
Jeff Davis, SGPWA  
Jesus Gastelum, EVMWD  
Greg Herzog, City of Riverside

Fakhri Manghi, WMWD  
Greg Woodside, OCWD  
Marsha Westropp, OCWD  
Mark Norton, SAWPA  
Dawna Munson, SAWPA

#### **Call to Order / Introductions**

The Imported Water Recharge Technical Committee meeting was called to order at 1:30p.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 January 25, 2016 was deemed acceptable.

#### **Imported Water Recharge Budget**

Mark Norton said he has no budget documents today to distribute because there are no requests for additional funding. As in past years, we have leftover reserves from the time the IWR committee was first formed, and this group should be good for another two years. There's no need to ask for a local share. This group is lean and low intensity – meeting two or three times per year, and is keeping the costs down.

#### **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. The BMP Task Force meets almost every month. It still is working on the Basin Plan Amendment for the SAR waste load allocation for the past couple years; primarily there are some issues now with compliance with the groundwater objective for Chino South. A presentation was given at the last meeting about the nitrogen loss coefficient for Chino South. Right now, the quality of water that's recharging Chino South is better than the ambient water quality. We had proposed an approach that would modify that objective from 4.2 to 5 mg/liter. Tim Moore currently is working with the Regional Board to see what would be necessary for that justification to take place. Another waste load allocation update most likely will be done starting next year.

The Basin Monitoring Task Force also does an ambient water quality update every three years in each of the groundwater management zones. They're currently going through an RFP process, which has been released. The proposals are due to SAWPA in about a week, and a review committee will evaluate them to determine which consultant to hire. They most likely will have a recommendation at the next BMP Task Force meeting, and the work should start in January 2017. It's usually a one year process, with results in December 2017.

The next Basin Monitoring Task Force meeting is May 25th at 9 a.m.

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Mr. Norton briefly reviewed what SAWPA currently is doing in holding strategic workshops with consultant, Paul Brown, and the Commission's review of SAWPA's programs.

### **OCWD Groundwater Model Results**

Mark Norton introduced Greg Woodside/OCWD, who provided a PowerPoint presentation covering the Orange County management zone. Mr. Woodside pointed out that the Irvine management zone and La Habra management zone are separate zones that don't require modeling. He reviewed where in Orange County the management zones are sources of imported water; discussed the modeling data and the need to identify quantity and quality and how those are divided up. He displayed the three aquifer zones of shallow and principal aquifers used to calculate water in storage, and noted that there's minimal production from the deep aquifer – about 5%. The analysis would be based on the shallow and principal aquifers. He reviewed the modeling approach and the budget-based average hydrology; discussed how they looked at the concentrations – the Inflow Concentration Estimates; the modeling methodology; the inflows to the Orange County management zone – the volume and TDS concentration per flow type; discussed the TDS in the SAR below Prado Dam, and reviewed the summary table of results by scenarios/cases. He next reviewed the model predictions of estimated TDS concentrations for 30 year projections; reviewed the summary of inflows for the nitrate projection for the Orange County management zone for 30 years, and summarized the conclusions. The PowerPoint presentation is posted to the SAWPA website at [www.sawpa.org](http://www.sawpa.org), and is attached to this meeting summary.

A brief question and answer period ensued. Any comments on the report are to be sent to Greg Woodside by May 16<sup>th</sup>. Once finalized, it will be posted onto the SAWPA Drop Box and the website.

### **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, and the next one is due in June 2017.

### **Roundtable Status Report on other Groundwater Management**

EVMWD/Jesus Gastulum said EVMWD will provide a maximum benefit demonstration at the next Basin Monitoring Program Task Force meeting. They've shared their preliminary draft with the Regional Board and will bring it to the Task Force. With regard to SGMA (Sustainable Groundwater Management Act), they've filed for the basin monitoring adjustments along with the City of Corona and the Temescal Valley Water District, so the application is complete and they have a three day comment period.

Greg Woodside/OCWD commented that OCWD, did the same thing and the comment period is now closed. They received no comments.

Al Javiar/EMWD said the District will be working on the existing project at Grant Avenue in the Canyon Basin, and have been requested to submit a waiver for importing water there. Metropolitan currently has water available for them to recharge, so they will split a recharge from their IRWP recharge program. They're also looking at Grant Avenue to recharge about 2,600 acre feet per year from the State Water Project water.

Cindi Li noted that all the imported water recharge activity is waived by the Board, meaning you don't have to get a permit for it. However, in exchange for not getting a permit, the recharging agency must sign a cooperative agreement committing to do a few things. One is the projection, and one is the reporting, and the water quality computations, but you don't need to get a permit for the activity.

Greg Herzog/City of Riverside noted that San Bernardino Valley is doing the SGMA oversight for the Riverside Basins. The agencies in charge of implementing SGMA are called Groundwater Sustainability agencies (GSAs). It will be a GSA for Bunker Hill, a GSA for Rialto/Colton, and for Riverside. For Riverside Basin, they're not sure yet if they're under SGMA or if it's something they will do voluntarily as a basin management strategy. The adjudicated basins are exempt, so the deadline is 2020.

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Brief discussion ensued on the draft regulations and the alternative Groundwater Sustainability Plans (GSPs); the regulations are due June 30, 2016.

Fakhri Manghi/WMWD shared about the status of the Arlington recharge project called the Victoria Basin, at the intersection of Victoria and Jackson Avenues, which is in the engineering and design process. They have constructed two pilot recharge basins and will run this recharge basin for 45-60 days, and will use the result percolation or infiltration for the engineering design. They expect to finish the engineering design by the end of this year, and construction will be started early 2017. It is a recharge basin basically based on the stormwater harvesting, and for the future they've included the possibility of using recycled water from the City of Riverside, along Jackson.

**Schedule Next Meeting**

The next meeting will be scheduled for late fall or early 2017, and a Doodle Poll will be sent out for scheduling. Mark Norton said he will email out the schedule for modeling reports.

**Adjournment**

The meeting adjourned at 2:40 p.m.