

Imported Water Recharge Technical Committee

January 5, 2011

Signatories to the Cooperative Agreement

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

ATTENDEES

Lyndy Lewis, EMWD
John Daverin, EMWD
Greg Woodside, OCWD
LeAnne Hamilton, IEUA
Max Rasouli, City of Riverside
Linda Garcia, WMWD
Fakhri Manghi, WMWD

Johnson Yeh, SBVMWD
Greg Watanabe, City of Corona
Cindy Li, CRWQCB
Dennis Williams, SBVMWD
Dave Ringel, MWH/EVMWD
Mark Norton, SAWPA
Regina Patterson, SAWPA

Call to Order / Introductions

The Imported Water Recharge Technical Committee meeting was called to order at 10:00 a.m. at the Santa Ana Watershed Project Authority located at 11615 Sterling Avenue, Riverside, California. Introductions were made.

Review May 11, 2010 Meeting Summary

Mark Norton presented the meeting notes from May 11, 2010 for review. The following edits were made:

In the last full sentence on page 1 change the word "undistributed" to "distributed".

In the last full paragraph beginning with "Mr. Woodside reported . . ." replace the first sentence with "Mr. Woodside reported that for Orange County, imported water recharge has been done since the 1950s."

Review Cooperative Agreement, MOU and SAR Wasteload Allocation Report

Mark Norton presented and discussed the "Cooperative Agreement to Protect Water Quality and Encourage the Conjunctive Uses of Imported Water in the Santa Ana River Basin" and the "Memorandum of Understanding(MOU) to Implement the Cooperative Agreement". Item "a." on page 3 is of no concern of the recharging parties because it is being done by the Basin Monitoring Program Task Force. Item "b." is due by July 18, 2012 and is something each of the recharging parties will have to prepare separate from the projection model – a summary of the past three year's quality of imported water recharged. Item "c." involves the cascading modeling effort. He referenced a table on page 2 of the MOU showing the due dates for the second report for projecting future groundwater quality. This asks that there be a report in six-year intervals. Beaumont/Yucaipa/San Timoteo area have started their report and that information will be provided as input for the other subsequent modeling areas until we have a final six-year projection report.

Max Rasouli asked if the City of Riverside would need to do the water quality model if it is not planning to recharge imported water. Mr. Norton said yes. By this agreement you have indicated you would prepare a projection of the ambient water quality. If you don't have any imported water in the previous three years, you can state that, but you would include that in your 20-year projection. Mr. Rasouli said there are recharging parties and cooperating parties to the agreement that are not planning to do recharge. Some cooperating agencies may not be planning to do any recharge during the 20 years. Mr. Norton stated, as indicated in Item "b.", as part of the report, the recharging parties are to provide a summary of the amount and quality of imported water recharged in each groundwater management zone during the previous three-year period. You would report that you did no recharge. For the projection analysis, the downstream parties will have to take whatever data is available. Mr. Rasouli said they have spent \$0.5M developing the flow model for Riverside. Other agencies could take the flow model and add their water quality module on top of it. Mr. Norton said he is not sure any downstream party would want to or need to go to the expense of trying to do a water quality component to Riverside's flow model. There is no obligation to downstream parties to try to project for the upper watershed. Mr. Rasouli stated Riverside is interested in recycled water recharge and stormwater recharge, not imported water. Ms. Li indicated that if Riverside wants to use imported water three years after the next project report is due, they will have to do a single modeling report to address the impacts of that recharge project and a 20-year projection. If your activity is out of sync with everyone else, you will have to do your own activity. Mr. Woodside said that because we cannot foresee all linkages at this time, he proposed working together more frequently when the time comes.

Mr. Norton reported Regional Board approval is anticipated in March for the results of the wasteload allocation model as a basin plan amendment. The modeling report is a good tool to assist in modeling efforts.

LeAnne Hamilton requested a presentation of OCWD's groundwater model. Mr. Woodside said there is a model of their recharge facilities that looks at flows in the river and how they take the water off the river and run it through the model and run it through our recharge facilities. He said this has been presented to the BMP Task Force in the past, but he can present to this group in the future.

Modeling Updates

Mr. Norton invited the group to report on their modeling updates. Dennis Williams said they are doing Yucaipa. Cindy Li reported that currently the City of Beaumont, YVWD and Beaumont-Cherry Valley Water District (BCVWD) are doing the modeling analysis for the Beaumont management zone (MZ) as a result of their request to recharge recycled water. The consultant is WE Inc., and the report is to be done by April 1, 2011. The parties recharging to BCVWD MZs are City of Beaumont, Cherry Valley, City of Banning and YVWD. They are not signatories to the agreement, but will be recharging imported water. There has been some indication about an Indian tribe storing imported water in the Beaumont MZ. The modeling analysis is a 30-year projection and is due April 1, 2011. Water planning data collection and a scenario discussion has just been completed.

Dennis Williams reported USGS and WE Inc. have done models for the Beaumont MZ. Refinements are being done to the model for Bunker Hill to make projections.

Dave Ringel stated there is nothing new to report for EVMWD because there has been no imported water to recharge.

John Daverin reported EMWD is looking at doing updates to the model for the San Jacinto area. Currently, there are no new projects, but adding approximately 7,500 acre-feet/year, their integrated recharge and recovery program will be coming on-line if USF&W supports it. Modeling will be done internally.

Greg Watanabe reported City of Corona is performing additional studies. There have been no discussions on imported recharge that he is aware of. Fakhri Manghi stated there may be some modeling based on Corona's agreement with RCFC&WCD that should be available within three months, starting within the next month. This will look at stormwater capture into the basin.

Greg Woodside said OCWD is recharging, just not as much as they would like to. He reported, for those interested, that OCWD is co-hosting with NWRI, a conference on recharge at the end of this month. The information will be provided by email.

Mr. Norton reported carryover funding will allow meetings to take place every six months or so to maintain this IWR effort.

Future Meeting

Everyone will be contacted by email when a future meeting is warranted.

Adjournment

The meeting adjourned at 10:48 a.m.