

## Basin Monitoring Program Task Force

March 20, 2019

### STAKEHOLDERS PRESENT:

**Beaumont-Cherry Valley WD**, James Bean\*  
**Chino Basin Watermaster**, Edgar Tellez-Foster  
**Chino Basin Watermaster**, Justin Nakano  
**City of Corona**, Jennifer McMullin  
**City of Rialto**, Tom Crowley\*  
**City of Riverside**, Bobby Gustafson\*  
**City of Riverside**, Greg Herzog  
**City of Riverside**, Michael Plinski  
**City of Riverside**, Robert Eland\*  
**City of Riverside RWQCP**, Edward Filadelfia

**Eastern Municipal Water District**, Al Javier  
**Elsinore Valley Municipal WD**, Jesus Gastelum  
**Elsinore Valley Municipal WD**, Lenai Hunter  
**Elsinore Valley Municipal WD**, Parag Kalaria  
**Elsinore Valley Municipal WD**, Sudhir Mohleji  
**Orange County Water District**, Greg Woodside  
**SBMWD/RIX JPA**, Jennifer Shepardson  
**SBVMWD**, Tim Kellet  
**WMWD/WRCRWA**, Mallory Gandara  
**Yucaipa Valley Water District**, Ashley Gibson

### OTHERS PRESENT:

Geoscience Support Services, Dennis Williams  
Geoscience Support Services, Johnson Yeh  
Geoscience Support Services, Lauren Wicks  
LeClaire & Associates, Joe LeClaire  
Risk Sciences, Tim Moore  
S.A. Watershed Project Authority, Mark Norton

S.A. Watershed Project Authority, Zyanya Ramirez  
S.A. Regional Water Quality Control Board, Cindy Li  
S.A. Regional Water Quality Control Board, Jayne Joy  
S.A. Regional Water Quality Control Board, Keith Person  
WSC, Michael Cruikshank  
WEI, Samantha Adams \*

### STAKEHOLDERS ABSENT:

**City of Banning**  
**City of Beaumont**  
**City of Redlands**  
**Inland Empire Utilities Agency**

**Irvine Ranch Water District**  
**Jurupa Community Service District**  
**San Geronio Pass Water Agency**  
**Temescal Valley Water District**

\*attended via conference call

### Call to Order/Introductions

The Basin Monitoring Program Task Force (Task Force) meeting commenced at 1:30 p.m. at the Santa Ana Watershed Project Authority (SAWPA) located at 11615 Sterling Avenue, Riverside, California. Brief introductions were made.

### Approval of February 19, 2019 Meeting Summary

The February 19, 2019 meeting summary was approved with a minor change.

### Triennial Ambient Water Quality Update – Consultant Interview Panel Recommendations

Three consulting firms responded to the RFP with proposals for the Triennial Ambient Water Quality (AWQ) update. The Consultant Review Committee conducted a rating and ranking of the proposals based on defined criteria as stated in the proposal. Three firms were interviewed by the Consultant Interview Panel: 1) Water Systems Consulting Services (WSC); 2) Geoscience Support Services Inc. (Geoscience); and 3) Wildermuth Environmental Inc. (WEI). Based on the interviews, the Consultant Interview Panel unanimously recommend WSC as the most qualified to conduct the AWQ update.

Mark Norton stated that many of WSC's team members were involved in the first AWQ update. Work is scheduled to commence on the update on April 8th. Mark clarified that most of the funding for this work has been budgeted and collected by the Task Force over the past three fiscal years to complete work before May 2020. Adequate contingency funds are available to cover WSC's costs beyond the amount collected over the past three years from the Task Force.

It was noted that WEI had submitted a proposal that deviated from the approach specified in the RFP. They identified the State Board's proposed amendments to the Recycled Water Policy as a framework for

amending the implementation plan for Basin Plan SNAMP and recommended changes to the ambient water quality update process that would reduce the frequency and cost of assimilative capacity assessments. Although forward thinking, the Panel agreed that WEI's proposal would not successfully fulfill the current required basin monitoring at this time, but also encouraged the Task Force to consider commencing work towards the proposed changes in the near future. Tim Moore suggested a workshop in August where the old Recycled Water Policy could be compared with the new one and what that means for the Task Force and have WEI present their approach.

**MOVED**, to recommend to the SAWPA Commission that a Task Order with WSC be approved for the amount not-to-exceed \$373,973 to prepare the Triennial Ambient Water Quality Recomputation for the Santa Ana River Watershed for the period 1999-2018.

Results: **Adopted (Unanimously)**  
Motion/Second: Woodside/Javier

### **Regulatory Consultant Succession Support - Consultant Review Committee Recommendations**

It was the recommendation of the Consultant Review Committee to develop and distribute a joint RFQ, under SAWPA and LESJWA, for Regulatory Strategies/Facilitator. A scope of work will be developed within the next two weeks in order to hire by June. The Task Force was assigned to submit what skills, abilities, talents, etc. are needed from a regulatory strategist/facilitator and, what is of most value to their agency in order to prepare the RFQ. Feedback is due to Mark Norton by email by end of day Wednesday, March 27.

### **SAR Wasteload Allocation Model Scenarios Update – SAWPA/Geoscience**

Geoscience provided a status of predictive scenarios proposed changes in assumptions from the 3rd budget amendment and since the January 8, 2019 Task Force meeting. Everything is complete except for 1) Stormwater Capture in Chino Basin and 2) IEUA POTW Discharge

### **Technical Review Committee Recommendations**

A Technical Advisory Committee meeting was held on March 6, 2019 to discuss the different approaches used for simulating rising water in the current and previous WLAMs and to determine if there is a meaningful difference in results between those models.

The Committee asked Geoscience to submit a cost proposal for the following options:

- Option 1 – Summarize streambed percolation in SAR Reach 4 and Reach 3 overlying Riverside A GMZ and associated TDS/TIN concentrations in tables
- Option 2 – Recalibrate WLAM with rising water as model input and compare results | Sensitivity run on model calibration with reduced rising water (out of scope and will require change order no. 5) | Use the refined calibration version from Task 2o to recalculate streambed recharge under future scenario conditions.

Task Force approved option 2.

### Change Order No. 5 – Additional Sensitivity Runs Regarding Rising Groundwater Inputs – Geoscience

Mark Norton pointed out that the total cost, including all past Change Orders and Change Order No. 5, is still under the cost of previous WLAM.

**MOVED**, to recommend Change Order No. 5 to Task Order No. GEOS374-01 in the amount of \$16,600 to recalibrate WLAM with rising water as model input and compare results, conduct a sensitivity run on model calibration with reduced rising water, use the refined calibration version to recalculate streambed recharge

under future scenario conditions (per model run). To prepare for and participate in up to two (2) half-day monthly meetings including the March 6, 2019 Technical Subcommittee meeting as described in Option 2 of Geoscience fifth budget request letter dated March 18, 2019.

Results: **Adopted (Unanimously)**  
Motion/Second: Shepardson/Gastelum

### **Drought Policy Regulatory Changes Discussion – Risk Sciences**

Tim Moore reminded the stakeholders that on behalf of the Task Force he submitted comments on the 2019 Triennial Review to the Regional Board. He noted that the Drought Policy was a critical component of the 2015 Triennial Review and as a result the Southern California Salinity Coalition (SCSC) funded the “Study to Evaluate Long-Term Trends and Variations in the Average Total Dissolved Solids Concentration in Wastewater and Recycled Water,” which was completed on March 30, 2018. Regional Board had indicated that they continue to view this topic as a high priority.

Moore reviewed the proposed drought policy regulatory changes and requested feedback from the Task Force:

- a) Temporary Conditional Variance/Exception
- b) Dual Effluent Limits: Normal and Drought Conditions
- c) Re-calculate Annual Average by Adjusting for Conservation Effect
- d) Increase Averaging Period to be Consistent w/ Wasteload Allocation
- e) Establish an Approved Offset Program:
  - o Credits earned with desalter projects
  - o Credits earned by being under the effluent limits
  - o Credits earned by increasing low-TDS stormwater recharge

The Task Force was partial to the idea of having a hybrid option between option d) Increase Averaging Periods to be Consistent with Wasteload Allocation Trigger and e) Establish and approve an offset program. It was suggested that perhaps this work could be tied in with WEI proposal of using the Recycled Water Policy as a framework for amending the implementation plan for the Basin Plan.

The Task Force requested that Tim Moore provide the following for each option:

- A pros and cons analysis
- Samples of real scenarios where these options have been implemented
- How will the option affect the 303D listing
- Will it require a WLAM run

### **Schedule Future Meetings**

The next Basin Monitoring Program Task Force meetings are scheduled for the following dates:

- April 24, 2019 at 9:00 a.m.
- May 14, 2019 at 1:30 p.m.

### **Adjournment**

The meeting adjourned at 4:10 p.m.