

Basin Monitoring Program Task Force

February 19, 2019

STAKEHOLDERS PRESENT:

Chino Basin Watermaster, Edgar Tellez-Foster
City of Corona, Jennifer McMullin
City of Riverside, Greg Herzog
City of Riverside WQCP, Edward Filadefia
Eastern Municipal Water District, Al Javier
Elsinore Valley Municipal WD, Parag Kalaria

Elsinore Valley Municipal WD, Sudhir Mohleji
Inland Empire Utilities Agency, Joshua Aguilar
Orange County Water District, Greg Woodside
SBMWD/RIX JPA, Jennifer Shepardson
WRCRWA, Mallory Gandara
Yucaipa Valley Water District, Ashley Gibson

OTHERS PRESENT:

Daniel B. Stephens & Associates, Joe LeClaire
GEI Consultants, Richard Meyerhoff
Geoscience Support Services, Johnson Yeh
Geoscience Support Services, Lauren Wicks
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
Somach Simmons & Dunn, Tess Dunham
WEI, Mark Wildermuth*

STAKEHOLDERS ABSENT:

Beaumont-Cherry Valley Water District
City of Banning
City of Beaumont
City of Redlands
City of Rialto

Irvine Ranch Water District
Jurupa Community Service District
San Bernardino Valley Municipal WD
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 1:01 p.m. at the Santa Ana Watershed Project Authority (SAWPA) located at 11615 Sterling Avenue, Riverside, California.

Approval of January 8, 2019 Meeting Summary

The January 8, 2019 meeting notes were approved with changes.

MOVED, to approve the January 8, 2019 Basin Monitoring Program Task Force meeting summary with minor edits.

Results: **Adopted (Unanimously)**

Motion/Second: Shepardson/Woodside

Imported Water Recharge Subcommittee Overview

Task Force member Greg Woodside provided a PowerPoint presentation outlining the proposed notion of converting the Imported Water Recharge Workgroup (Workgroup) into a Subcommittee under the Task Force in order to efficiently address communal goals.

The Workgroup currently is comprised of the Regional Board and water agencies that recharge imported water (State Water Project and Colorado River water) into the Santa Ana River groundwater basins. They focus on assessing information, performing modeling, and conduct analyses that address the interest and the concerns regarding imported water recharged. There appears to be some overlap between the modeling performed by the Task Force and the Workgroup, which is why there is a desire to work towards the possible consolidation of modeling and reporting efforts.

Woodside reviewed the Proposed Amendment No. 1 to Cooperative Agreement to Protect Water Quality and Encourage the Conjunctive uses of Imported Water in the Santa Ana River Basin (Imported Water Recharge Program) Term Sheet and Schedule (Term Sheet). The proposed changes to the agreement are as follows:

- With Maximum Benefit
 - Agree to be a member of the Task Force
 - No additional monitoring or reporting required under this agreement
- Without Maximum Benefit
 - Agree to be a member of the Task Force
 - Change frequency of reporting
 - Twenty-year modeling projections to every 10 years
 - Monitoring reports every 6 years

An Integrated Groundwater Flow Model is being developed under the Upper Santa Ana River Habitat Conservation Plan, where existing groundwater flow models in the Santa Ana River Watershed upstream of Prado Dam are being combined. This model could be enhanced to model TDS and TIN and could be extended up the Temescal Wash. It is a desire to use the enhanced Integrated Groundwater Flow Model as an accepted model under the proposed changes to the agreement. It was clarified that it would be subject to independent peer review and would need final approval from all parties and the Regional Board and would not be eliminating any of the other models.

Mark Norton added that SAWPA has been the nonformal administrator of the Workgroup. The Workgroup meets two to three times a year. Norton explained to the Task Force that any administration associated with the proposed Imported Water Recharge Subcommittee effort would be financially covered by the participating entities.

Woodside encouraged the Task Force members to review the Term Sheet and submit any comments to the Workgroup. Thereafter, an amendment to the Workgroup Cooperative Agreement will be developed based on the final Term Sheet.

Draft FY 2019-2020 Budget

Mark Norton presented the draft fiscal year 2019-2020 Task Force budget. He stated that it is slightly modified from the budget that was presented at the last Task Force meeting. This budget begins July 1, 2019.

MOVED, to approve the Fiscal Year 2019-2019 Basin Monitoring Program Task Force budget.

Results: **Adopted (Unanimously)**

Motion/Second: Woodside/Shepardson

Norton recognized that the motions approved by the Task Force are always subject to Stakeholder's governing boards. He offered to provide further details to governing boards that may have any issues or require further explanation of the approved budget. Invoices will be distributed to the Task Force in Mid-July.

Tess Dunham Introduction – Succession Planning Task Force Regulatory Support

At the January Task Force meeting, Tim Moore shared with the Task Force his succession planning for the Task Force Regulatory Support. He highly recommended Tess A. Dunham as a successor and planned for her to meet with a Review Committee formed by the Task Force followed by a meet and greet at today's meeting. Ms. Dunham provided an oral presentation of her career and her regulatory support experience.

Mark Norton stated that Risk Sciences has provided a unique set of skills and abilities that have qualified him under the procurement procedures as a sole source. If all parties agree that Ms. Dunham provides that same set of skills, with the approval of the stakeholders, it would be the Task Force's recommendation to contract for Ms. Dunham services under SAWPA sole source procurement policies. The Review Committee will reconvene next month and will further discuss next steps.

SAR Wasteload Allocation Model Scenario Update

In response to Risk Science's letter presenting a rationale for restoring some elements of Task 4 in the WLAM scope of work, Geoscience has prepared a proposal for the options presented. The two options recommended by Risk Sciences to address the absence of accounting for recharge of higher quality stormwater in the previous and current WLAM versions are:

- **Option 1** – *Summarize Stormwater Diversion and Spreading (additional \$3,530)*
 - Submit Final Study Report in Mid- to Late -April 2019
 - Summarize stormwater diversions and associated TDS/TIN concentrations in tables.
 - Explicitly state in text that these diversions are not included in the calculation of the volume-weighted average TIN and TDS concentrations in recharges to each GMZ.
 - Lower cost option but would require additional work in the future to determine impact of stormwater capture on groundwater quality.
- **Option 2** – *Creating Nodal Inputs in the WLAM for Stormwater Diversion and Recharge (additional \$11,280)*
 - Submit Final Study Report in Mid- to Late -May 2019
 - Adjust the WLAM to recognize stormwater recharge as a separate nodal input.
 - Calculate the volume-weighted average TIN and TDS concentrations of recharge to each GMZ with and without accounting for the off-channel recharges.
 - Higher cost option that better assures that the WLAM evaluates the effect of stormwater recharge.
 - WLAM would still not consider imported or artificial recharge in off-channel spreading basins.

Discussion ensued on the value of both options. It was the consensus of the Task Force to move forward with Option 1 – Summarize Stormwater Diversion and Spreading which included several additional meetings for a total not-to-exceed of \$12,680.

MOVED, for Geoscience Support Services, Inc. to restore some elements of Task 4 by summarizing stormwater diversion and spreading; approving Geoscience Support Services, Inc.'s request for Change Order No. 4 to Santa Ana River Wasteload Allocation Model Update in the amount not-to-exceed \$12,680.00.

Results: **Adopted (Unanimously)**

Motion/Second: Javier/Woodside

Tim Moore stated that there is still a general concern in whether the model could withstand scrutiny. One remaining critical element is in what way was Reach 3, area between Mission bridge and Prado Narrows, simulated in the model. It was determined that a Technical Committee meeting will be formed in order to further analyze the model and determine what discrepancies need to be corrected. A WLAM Technical Advisory Committee TAC was scheduled for Wednesday, March 6, 2019 at 2:00 p.m.; Stakeholders were advised to bring their agency's modelers.

The next steps in the WLAM process will be determined upon the outcome of the WLAM TAC meeting before committing to something for Tasks 1, 2, and 5.

Drought Policy Regulatory Changes Discussion

Item was deferred to a future Task Force meeting.

Schedule Future Meetings

A Technical Advisory Committee for the Basin Plan was scheduled for March 6, 2019 at 2:00 p.m.

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

- March 20, 2019 at 1:30 p.m.
- April 24, 2019 at 9:00 a.m.

Adjournment

The meeting adjourned at 3:08 p.m.