

Basin Monitoring Program Task Force

November 18, 2009

ATTENDEES:

Jack Nelson, YVWD

Kristen Wardlaw, YVWD

Kevin Street, City of Riverside

Max Rasouli, City of Riverside

Val Housel, San Bernardino MWD

Bobby Gustafson, San Bernardino MWD

Gerard Thibeault, CRWQCB

Hope Smythe, CRWQCB

Cindy Li, CRWQCB

Linda Garcia, WMWD

Norris Brandt, EVMWD

Carmen Burton, USGS

Robert Kent, USGS

Ben Pak, CBWM

Sandy Caldwell, Southstar Engineering

Julie Carver, City of Rialto

Bonita Fan, IEUA

Al Javier, EMWD

Greg Woodside, OCWD

Marsha Westropp, OCWD

Tim Moore, Risk Sciences

Andy Malone, WE Inc.

Mark Norton, SAWPA

Dawna Munson, SAWPA

Call to Order

The Basin Monitoring Program (BMP) Task Force meeting was called to order at 1:33 p.m. at the Santa Ana Watershed Project Authority office located at 11615 Sterling Avenue, Riverside, California.

Meeting Summary Approval – October 21, 2009

Mark Norton presented the October 21, 2009 Meeting Summary for approval. The following revisions were made:

Page 1 Paragraph 4: Add *acre feet* after 26,000

Page 1 Paragraph 4: Insert *based on* before 'demand'

Page 2 Paragraph 1: Delete *to the system* - repeated

Page 2 Paragraph 4: Change 'stormwater' basins to *recharge* basins

Page 2 Paragraph 4 last line: Delete *as*

Page 2 Paragraph 6 first line: Change 'date' to *data*

Page 3 Paragraph 3: Change 'now' to *how*

The 10-21-09 Meeting Summary was deemed acceptable as amended.

Status - Amendment No. 1 to Task Force Agreement – SAWPA

Mark Norton indicated that there was discussion at the last meeting about the emerging constituents investigation program in the Santa Ana Watershed, and folding it into the Basin Monitoring Program Task Force. Tim Moore informed the group that there were some procedural objections to doing so. After some discussion, the Task Force agreed that item 2E should be deleted from the Draft Amendment No. 1. Section 2d, Conduct SAR Wasteload Allocations and Other Related Studies, still has value and will remain in the Amendment. Section 3 of the Amendment about adding the additional agencies also will be deleted. No further suggestions were made to the draft amendment. Mark Norton asked the Task Force Agencies to hold on this Amendment for now until some final adjustments are made.

Basin Plan Amendment for SAR Wasteload Allocation – WE Inc.

Well Attrition Analysis: Andy Malone presented the results of the Well Attrition Analysis. He said that they have identified all the wells that are important for data needs, and narrowed the list to seven wells (shown on Table 1 of the handout). The three agencies are Rubidoux Community Services District, the Gage Canal Company, and the City of San Bernardino. Table 2 lists the chemical constituents that they're requesting be analyzed. Mark Norton is reviewing/editing the draft letter that will be sent to the agencies regarding the wells. When finalized, it will be sent to the three agencies requesting that the wells be sampled, not only this calendar year, but in future years.

Wasteload Allocation: Mr. Malone said that Wildermuth Environmental is about to commence modeling, and wanted to confirm the metrics to be used in the modeling. There are some unresolved issues as to how the model results will be interpreted and used by the Regional Board once they have them, particularly with regard to the metric. Before opening discussion on the metric and alternative metrics, Mr. Malone reviewed the handouts, "*Cumulative Departure from Mean and Annual Precipitation at the San Bernardino Hospital Gage*," and the attached Figures I-1b, G-4a, and I-4b. The main question to resolve is which metric does this Task Force believe is the most appropriate to use; i.e., the one-year metric, the five-year metric, etc. Tim Moore provided further clarification as to the data inputs of Figure G-4a and some potential options, summarizing that there is no exact, right answer, but it's what the Task Force would accept as the test for what is expected to meet the objective.

Cindy Li said that this issue was brought before the Regional Board's permitting staff, primarily because it affects the POTW Permit. As they were uncertain as to how this Task Force would move forward, seeing that it is a 2020 effort, they ultimately felt most comfortable using a 10-year running average with no exceedence. Discussion ensued about using the 10-year running average when there is an exceedence; the potential for triggering the need for an antidegradation analysis; the assumptions; the risks and costs of being wrong and some potential solutions; using the 20-year average and the probability for busting the recharge objective; the possible impacts to other projects being implemented on a Statewide basis; the potential for moving the objective basin by basin; and the rationale for using a less restrictive metric, i.e. greater confidence in the model.

Andy Malone explained his reasons for why the 50-year average could be the appropriate metric to use. Discussion ensued about the alternatives. A question was raised as to how a lack of decision on which metric to use impacts Wildermuth's current efforts. Mr. Malone noted that not making a decision only impacts what lines will be shown on the graphs, and if the wasteload allocation among the POTWs would need to be revised. After some discussion, and as there were no noted objections to using the 10-year metric, Mr. Malone/Wildermuth Environmental will proceed with generating the graphics using the 10-year metric. They also will show the 5-year metric for Reach 2.

RWQCB Declaration of Conformance – Risk Sciences

Tim Moore stated that he has received all the comments on the Declaration of Conformance, and that the changes were easy to make and uncontroversial, except for one. There were some objections as to how the examples were written up. Therefore, he will do some rewriting to simplify it, and will declare the types of proofs they find persuasive without going through every individual example. There is only a little more work to do on it; however, it wouldn't be going before the Regional Board in December.

Task Force Comments

Norris Brandt mentioned to the group that AB 1366, Self-regenerated Water Softener Bill, talks about the Regional Board making findings that the regulations can be tolerated on a basin-wide basis. He suggested that this Task Force should consider as a group how to support the Regional Board in getting it done. He will bring in information to review at the next meeting.

Next Meeting

Tuesday, December 8, 2009 at 1:30 p.m.

Adjournment

As there was no further business, the meeting adjourned at 3:47 p.m.

Handouts (available at www.sawpa.org)

1. Draft Amendment No. 1
2. Table 1 - Wells Identified for Future Groundwater Sampling and Analysis
3. Graph - Cumulative Departure from Mean and Annual Precipitation at the San Bernardino Hospital Gage with attachments:
 - a. Figure I-1b - Estimated Annual Streambed Recharge and its Volume Weighted TIN Concentration for the Santa Ana River Reach 3 Over the Chino South Management Zone; Scenario 5 - Year 2020
 - b. Figure G-4a - Estimated Annual Streambed Recharge and its Volume Weighted TDS Concentration to Bunker Hill B Management Zone; Scenario 4 - Year 2020
 - c. Figure I-4b - Estimated Annual Streambed Recharge and its Volume Weighted TIN Concentration to Bunker Hill B Management Zone; Scenario 5 - Year 2020