

MSAR TMDL TASK FORCE MEETING NOTES

January 4, 2017

PARTICIPANTS

Richard Meyerhoff
David Jensen
Tiffany Lin
Nisha Wells
Kris Hanson
Tonya Honeycutt
Lynn Merrill
Mike Roberts
Suzan Given
Cynthia Gabaldon
Menu Leddy
Marsha Westrop
Ken Theisen
Mark Smythe
Stuart McKibbin
Kyle Gallup
Tim Moore
Marc Rodabaugh
Harold Zamora
Mark Norton
Rick Whetsel
Scott Bradford
Brendan Headd

REPRESENTING

CDM Smith
CDM Smith
CDM Smith
City of Chino Hills
City of Eastvale
City of Fontana
City of Rialto
City of Riverside
County of Orange
Louny of San Bernardino
Orange County Water District
Orange County Water District
Regional Water Quality Control Board
Regional Water Quality Control Board
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Risk Sciences
San Bernardino County Flood Control District
San Bernardino County Flood Control District
SAWPA
SAWPA
USDA, ARS, US Salinity Lab
USDA, ARS, US Salinity Lab

Via Conf Call:

Kimberly Colbert
Carlos Morales

City of Claremont
City of Jurupa Valley

1. Call to Order & Introductions

The Middle Santa Ana River Watershed Pathogen (MSAR) TMDL Task Force meeting was called to order at 10:00 a.m. by Rick Whetsel at Santa Ana Watershed Project Authority (SAWPA). Brief introductions were made by the attendees.

2. Approval of the Meeting Notes

Rick Whetsel asked for any comments on the October 18, 2016 meeting notes. There were no comments and the meeting notes were deemed acceptable.

3. ADDED ITEM: Presentation: Identifying, Quantifying and Tracking Microbial Contaminants, Antibiotics and Antibiotic Resistance Genes in Order to Protect Food and Water Supplies (Scott Bradford, U.S. Salinity Laboratory, Agricultural Research Service, USDA, Riverside, CA)

Scott Bradford/U.S. Salinity Laboratory provided a presentation to stakeholders detailing an upcoming study to assess the impacts of various environmental stressors on the spread of antibiotic resistant genes of bacteria in sediments samples taken from sites in Chino and Cucamonga Creeks.

A copy of the presentation by Scott Bradford is available on the SAWPA website at:

<http://www.sawpa.org/wp-content/uploads/2013/01/2017-1-4-Presentations-2.pdf>

4. Update: Regional Monitoring Program (RMP) (CDM Smith)

a. Quarterly Report Summary

Tiffany Lin /CDM Smith provided an update on the fourth (last) quarter of 2016 sampling. During this quarter, the consultant team completed the dry weather monitoring including five weeks of cool season monitoring from October through November completing the monitoring for priority 1 and 2 sites including the MSAR TMDL monitoring locations. This also included the completion of monitoring for the remaining four priority 3 sites, a five-week monitoring program. In addition, staff was able to capture the required single storm event on December 16th.

Tiffany noted a sampling glitch by the field monitoring consultant where the consultant did not follow the prescribed field monitoring protocol, and instead of collecting samples the day of the storm and at 48, 72, and 96 hours after, the field consultant collected samples the day of the storm and at 24, 48, and 72 hours after; therefore, we ended up with a day-1 sample (24 hrs) instead of a day-4 sample (96 hrs).

CDM Smith conducted an analysis of this data and determined that there was no statistical significance in the data due to the difference in the overall results of the storm monitoring. Therefore, CDM Smith recommended to the Regional Board staff and Task Force that there was no need to go out and monitor a second storm. There were no objections by Regional Board staff or the Task Force.

With the 2016 monitoring complete, CDM Smith will begin work to prepare the 4th Quarter report, which includes data only and is expected to be distributed to stakeholders in the next week.

CDM Smith will begin work on the 2016 Annual Report with a draft due at the end of April 2017. Richard Meyerhoff said as the data collection is complete with the collection of the storm event, there is no reason the 2016 Annual Report cannot be completed much earlier. The monitoring for 2017 will begin in May 2017.

Mr. Meyerhoff also expressed his gratitude to Dave Woelfel in obtaining funding and collecting the water quality samples for two of the priority 3 sites in Orange County, in which there was no responsible owner identified.

5. Discussion: Arlington Area Tier-2 Source Evaluation Study (Risk Sciences)

Tim Moore informed stakeholders of a study to investigate bacteria concentrations and the presence of a human signal in samples collected in the Arlington Greenbelt area in Riverside.

This study builds upon the results of the Tier 1 one study conducted to characterize the watershed and identify hot spots for future Tier 2 evaluation.

Preliminary work to support this study includes preliminary investigations conducted in the spring and summer of 2015 by CDM Smith, based upon requests by Regional Board staff to investigate the runoff from various irrigated orange grove properties entering the MS4 system. Data from this effort is summarized in the 2016 Triennial Report prepared by CDM Smith. In addition, the City of Riverside conducted follow-up monitoring in the fall of 2015 to further confirm the need for additional study.

Following further discussion, a motion was proposed by Marc Rodabaugh and seconded by Lynn Merrill to recommend having Risk Sciences and CDM Smith work to prepare a scope of work and request for proposals (RFP)—to be reviewed by stakeholders for approval—and issue this RFP for bids.

The motion was approved by stakeholders

The proposed project is anticipated to begin in July 2017 using existing funds available from the existing Task Force cash reserve and would not require additional funds be collected by the Task Force.

This PowerPoint presentation (second presentation) is available on the SAWPA website:

<http://www.sawpa.org/wp-content/uploads/2013/01/2017-1-4-Presentations-2.pdf>

6. Update: Comprehensive Bacteria Reduction Plan Implementation Activities

RCFC&WCD

Kyle Gallup reported that the District has started the hydrology work on Eastvale Lines D & E. The District also is looking to hire a consultant to conduct an alternatives analysis on Eastvale Lines D & E.

SBCFCD

Marc Rodabaugh reported that the District has been working on modifications to Chris basin. The District expects to have a permit in place this year to modify the basin bottom to investigate the infiltration of water in the basin.

The District was awarded a Proposition One Implementation Planning Grant to prepare a stormwater Management resource Plan. The District is currently looking to form a Technical Advisory Committee and is looking for volunteers to participate.

Orange County

Suzan Given reported that a settlement was achieved with OC Coastkeeper on the New Port Bay fecal coliform TMDL for REC-1 and SHEL beneficial uses. As part of this agreement, there will be bi-monthly stakeholder meetings conducted over a two-year period.

Additionally, the County has submitted a comment letter to the Santa Ana Regional Board on the proposed Basin Plan Amendment to remove REC-1 fecal coliform objections from those bays and estuaries. A Regional Board meeting to approve the proposed Basin Plan Amendment has been postponed by EPA.

The County currently is looking into opportunities to implement LID retrofits at their complex, working in conjunction with the Stormwater Monitoring Coalition.

Pomona & Claremont

Nothing reported.

Agricultural Operators

Nothing reported.

TMDL Task Force Administration (SAWPA)

Budget Update

Rick Whetsel stated that he is working on a Draft FY 2017-18 budget, but is waiting on possible revisions to the Regional Water Quality Monitoring program budget from CDM Smith for year two implementation of the program. He will be preparing two separate budgets 1) MSAR TMDL Task Force, and 2) Regional Water Quality Monitoring Task Force.

Richard Meyerhoff will work to get updated costs for the Regional Water Quality Monitoring program to SAWPA staff in the next week.

Mr. Whetsel then reviewed a list of outstanding administrative items including:

- The outstanding invoice for RCFC&WCD for the Regional Bacteria Monitoring Program. Kyle Gallup noted that he will follow-up on this item.
- The status of the Regional Water Quality Monitoring Task Force agreement and Orange County. Suzan Given noted that the agreement is expected to go before the Board for approval within the next month.
- The status of the 2016 Triennial Report review by Regional Board staff. Ken Theisen reported that the report currently is under review by staff.

Task Force Agreement (expires December 2017)

Mr. Whetsel stated that the current MSAR TMDL Task Force agreement is to expire in December, and that he will be working over the next few months on an amendment to update or extend the agreement.

Tim Moore commented that the most likely route to take would be to prepare an amendment to extend the agreement for an additional five years. This would get us to where we should be working to revise the TMDLs; however, a lot will depend on how the next round of MS4 permits goes.

Other Business

Richard Meyerhoff said that as part of the effort to implement the Regional Bacteria Monitoring Program, CDM Smith is to make recommendations for updating the monitoring plan and QAPP, and as was discussed at a previous meeting, one item to be updated is the Temescal Creek monitoring location. He reminded the stakeholders that if they have any other updates they want to see made, to get those comments in to CDM Smith.

Schedule Next Meeting

The next meeting of the Middle Santa Ana River Pathogen TMDL Task Force is scheduled for February 15, 2017, 1:30 p.m. at SAWPA.

Adjourn

There being no further business for review, the meeting adjourned at 12:05 p.m.