

**MEETING NOTES OF THE
LAKE ELSINORE/CANYON LAKE TMDL
TASK FORCE MEETING**

January 14, 2014

PARTICIPANTS

Patrick J. Hally
William Pan
Laura Larsen
Steven Wolosoff
Dennis Bickers
Jean Voshall
Mike Feeney
Nancy Horton
Linda Nixon
Lori Wolfe
Kent Wegelin
Bill Woolsey
Cynthia Gabaldon
Kevin Street
Mike Roberts
Lynn Merrill
Dennis McBride
Jase Warner
Sudhir Mohleji
Dan Fairbanks
Andy Komor
Tim Moore
Steve Pastor
Art Diaz
Daray Kuenzi
David Contese
Robert Vasquez
Jason Uhley
Mark Smythe
Garth Engelhorn
Pat Boldt
Mark Norton
Rick Whetsel

REPRESENTATIVE

Caltrans
Caltrans
Caltrans/RBF
CDM Smith
City of Canyon Lake
City of Canyon Lake
City of Canyon Lake
City of Canyon Lake
City of Hemet
City of Menifee
City of Moreno Valley
City of Murrieta
City of Perris
City of Riverside
City of Riverside
City of San Jacinto
Elsinore Valley Municipal Water District
Elsinore Valley Municipal Water District
Elsinore Valley Municipal Water District
March JPA
PACE
Risk Sciences
Riverside County Farm Bureau
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
RWQCB
Weston Solutions
WRCAC
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 9:05 a.m. by the Chair, Jason Uhley at Santa Ana Watershed Project Authority, Riverside, California.

Meeting Notes from the Task Force Meeting held October 23, 2013

The Task Force meeting tape for October 23, 2013 was reviewed to provide clarification on the following:

- a) Question by Bill Woolsey on the interpretation of the “participant” with regard to the calculation of costs to participants in the Canyon Lake Alum Treatment project and as the City of Murrieta, does not plan to participate in the project. He wanted to make sure it was clear that the city would not have to pay the 2.5% buy-in.

Jason Uhley believed that the statement written was clear in identifying that the costs for the project were only to be incurred by those agencies participating in the project and the 2.5% buy-in would not apply to non-participating entities, such as the City of Murrieta.

- b) Question by Pat Boldt on the data to be used for the watershed based cost allocation calculation, if it were based upon the new 2010 WRCAC land use or used the older 2007 land use for the 2010 Watershed model update. Pat felt it is important we use the most accurate and up to date land use information and watershed boundaries.

Jason Uhley stated that the Task Force is using the 2010 Watershed Modeling results (using the 2007 land use).

Jason requested that LESJWA staff review the past meeting recording to determine the outcome of the approval of the Task Force budget, and how we were to deal with the change in land use. Note: the recording from the August 29th LE&CL TMDL Task Force meeting is not available.

- c) Question by Bill Woolsey on the minimum buy-in requirement for calculating the Watershed Monitoring Costs. Review of the presentation slides confirmed that the Calculation of Watershed Monitoring Costs included a minimum buy in 2.5%

Following the discussion relating to past meetings, the October 23rd meeting notes were unanimously passed by the Task Force without revision.

Canyon Lake Hybrid Treatment Project (LESJWA Staff)

Jason Uhley provided to the stakeholders a brief update on the Canyon Lake Alum Treatment project relating to the consultant coordination meeting held on January 13th. This included a brief discussion of the following:

- a) Review of the preliminary in-lake water quality data prepared by Sarah Garber and Dr. James Noblet. A Final report on the effectiveness monitoring is expected by the end of January 2014.
- b) The next Alum application is scheduled for the week of February 10-14, 2014, with effectiveness monitoring to begin the week prior (weather permitting).
- c) Topics of discussion to be addressed at tonight's Canyon Lake Public workshop to be held tonight (January 14th) at Canyon Lake City Hall.

In preparation of tonight's public meeting, Jason Uhley plans to meet this afternoon with consultants to discuss the results of the effectiveness monitoring for the September application, and if there is a need for any changes to the alum dosing strategy for the February application. In light of the possibility for the need of additional treatment and/or monitoring relating to the Canyon Lake Alum treatment project he put forth a motion for authorization from the Task Force to allocate the \$15,000 Contingency available in Part A of the FY 2013-14 budget toward the Alum treatment project. After a brief discussion, the motion was unanimously passed by the Task Force.

Additional technical discussion relating to the future Alum applications:

- a) Questions were raised if we should increase the alum dosage in the East Bay; after some discussion it was recommended that we continue to dose as planned in the East Bay and reevaluate this dosage after the Task Force has an opportunity to review the data results from the first two applications (September 2013 and February 2014).
- b) Alum dosing above the causeway; it was noted that Alum was not applied above the causeway in Canyon Lake. This item will be investigated by the consultant CDM Smith to determine if there is a need to apply alum above the causeway.
- c) Timing of the Alum Application; A question was raised as to why not apply alum after the lake has completely turned over. The response was that it is better to apply earlier to address as much of the phosphorus in its dissolved form before it has been taken up by algae, so to remove more of the food source for algae growth.

Lake Elsinore Monitoring Plan (EVMWD)

Mr. Sudhir Mohleji/EVMWD provided to the Task Force an in depth review of the approved in-lake monitoring Plan (report was distributed to stakeholders) for Lake Elsinore to be conducted by EVMWD as an obligation of their permit to put recycled water in the lake.

Mr. Mohleji supported by Mr. Dennis McBride, Mr. Jase Warner and Mr. Mike Ali discussed with stakeholders a number of questions relating to the proposed Lake Elsinore monitoring, as well as the operation of the aeration system in Lake Elsinore.

Topics discussed included:

- a) The basis for monitoring only one out of three years.
- b) The operation of the automated hydro-lab system for Lake Elsinore
- c) The rationale for what time of the day and for how many hours the aeration system is operated on a daily basis in Lake Elsinore.
- d) Why EVMWD monitors Ammonia instead of total Nitrogen.
- e) Conversion of ferrous (Fe+2) to Ferric (Fe+3) iron at the sediment interface.
- f) Salinity of recycled water and potential long term impacts to the lake.

Revised Comprehensive Watershed and In-Lake Monitoring Program (Risk Sciences)

Mr. Engelhorn/Weston Solutions provided stakeholders a brief overview of the status of the FY 2013-14 watershed-wide compliance monitoring program, informing stakeholders that no storms to date have been sampled this year, and we are now working under the 0.5 inch storm criteria (>0.5 inch forecast within 24 hours from January to May) through the end of the year.

Mr. Moore led a discussion to go through a handout he had prepared for the meeting titled, "Lake Elsinore Canyon Lake Task Force Monitoring Priorities", intended to provide the stakeholders a vision for the Phase 2 monitoring program, due to the Region Board by December 31, 2014. He began by reviewing the requirements for in-lake and watershed-wide compliance monitoring as detailed in the TMDL, followed by a discussion of Compliance Strategies and recommendation for additional monitoring and study for each component of the monitoring program including: Canyon Lake, Lake Elsinore and general watershed-wide nutrient monitoring.

Following this discussion a motion was put forward to direct LESJWA staff to prepare a RFP to select a consultant to frame-up this vision into a proposal for a Phase 2 TMDL compliance Monitoring Program. Funding for this project can be allocated for the current FY 2013-14 Task Force Part A budget item "Review and Revision of Water Quality Objectives", where \$50,000 has been budgeted. The motion was unanimously passed by the Task Force.

Task Force Administration

Task Force Agreement (Signature Status)

Mr. Whetsel reminded stakeholders that we are still waiting on signature pages from a few agencies including the CA Dept of Fish and Game, City of Perris, March JPA and the Regional Board.

Discussion: Draft 3yr Task Force Budget

Mr. Uhley requested that we table this item until next the Task Force meeting. Jason Uhley stated that he is still working on the stakeholder cost allocation formula and will have that data available for our next meeting.

Other Business

No other business was discussed.

Schedule Next Meeting

The next meeting is scheduled for Tuesday, February 11, 2014 at 9:00 a.m. at EVMWD.

Adjourn

As there was no further business for review, the meeting adjourned at 12:05 p.m.