

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

January 4, 2017

PARTICIPANTS

John Rudolph
Richard Meyerhoff
Phuong Hunter
Rae Beimer
Rita Thompson
Tad Nakatani
Cynthia Gabaldon
Michael Morales
Mike Roberts
Lynn Merrill
Steve Horn
Jayne Joy
Nancy Horton
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Lauren Sotelo
Ankita Vyas
Kyle Gallup
Mike Venable
Stuart McKibbin
Ken Theisen
Mark Smythe
Pat Boldt
Tim Moore
Mark Norton
Rick Whetsel

REPRESENTATIVE

AMEC Foster Wheeler
CDM Smith
City of Beaumont
Cities of Canyon Lake/Moreno Valley
City of Lake Elsinore
City of Menifee
City of Perris
City of Perris
City of Riverside
City of San Jacinto
County of Riverside
Eastern Municipal Water District
Elsinore Valley MWD
Elsinore Valley MWD
March JPA
Michael Baker/Caltrans
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Regional Water Quality Control Board
Regional Water Quality Control Board
WRCAC
Risk Sciences
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority

Via Conference Call:

Bobby Gustafson
Amanda Savage
Chris Stransky
Steven Wolosoff
Garth Englehorn

Elsinore Valley MWD
Metropolitan Water District
AMEC Foster Wheeler
CDM Smith
Alta Environmental

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 1:05 p.m. by Mark Norton at the Santa Ana Watershed Project Authority, Riverside, California.

Meeting Notes

The Meeting Notes were approved by the Task Force for the meeting held on October 19, 2016.

Discussion: Update and Revise TMDLS (CDM Smith/Risk Sciences)

Richard Meyerhoff/CDM Smith provided stakeholders an update on the TMDL Technical report.

A. General Project Update:

Mr. Meyerhoff noted that they are currently in a holding pattern as there are several documents out for review, so the plan for today is to review the status, what they are waiting on, and what is next.

He then listed the chapters that currently are out for review:

- Revised Problem Statement and Introduction chapters distributed October 19th, with no comments received.

- Source Assessment chapter distributed October 10th, with comments received from a number of stakeholders.
- Numeric Targets chapter, without the figures for Canyon Lake was distributed for review on December 20th, with comments due January 13th. A final draft will be released in the near future when the modeling by Dr. Anderson is complete.

Currently, the CDM Smith team is working on a draft Linkage Analysis chapter, which is expected to be released before the end of January and reviewed at the next Task Force meeting in February.

Following the Linkage Analysis chapter will be the Load Allocation and Waste Load Allocation chapters.

Mr. Meyerhoff said they currently are behind schedule, but he is not overly concerned. The bulk of the heavy work is almost complete and they should be able to get back on schedule. He also reminded stakeholders that there will be another opportunity to review any of these chapter documents when the complete Technical Document is released in November 2017.

Discussion: Draft LEAMS License Agreement for Excess Offset Credits (Risk Sciences)

Tim Moore distributed and reviewed the Draft license Agreement for Excess Offset Credits Generated by LEAMS.

Tim Moore also reviewed a number of supporting documents including the LESJWA administrative budget, a summary document describing the rationale behind the calculation of nutrient offset credits, and a document listing citations to show LEAMS to be an approved method to demonstrate compliance with the TMDL waste load allocation as part of the Comprehensive Nutrient Reduction Plan.

Mark Norton commented that Tim Moore will attend the next LESJWA Board meeting to inform the Board on this agreement.

A copy of the Draft License Agreement for Excess Offset Credits Generated by LEAMS and other handouts prepared by Tim Moore are available on the SAWPA website.

Discussion: Spring 2017 Canyon Lake Alum Project (LESJWA Staff)

Rick Whetsel provided an update on the Canyon Lake Alum treatment project.

A. Spring 2017 Alum Application

In December 2016, the LESJWA Board approved a Task Order for Aquatechnex to provide semi-annual alum applications to Canyon Lake for the next three years, with an option to extend that agreement for up to two additional years.

The next alum application for Canyon Lake is scheduled for February 2017.

In anticipation of the February alum application, Mr. Whetsel will work with Aquatechnex and stakeholders to setup a pre-alum application coordination meeting for the end of January 2017.

Update: TMDL Compliance Program (Amec Foster Wheeler)

Rick Whetsel stated that in December 2016, the LESJWA Board approved a Change Order to the existing Amec Foster Wheeler Task Order to implement the TMDL Compliance Program to include additional monitoring to support the need for additional effectiveness monitoring for the Canyon Lake Alum Treatment project.

A. Quarterly Monitoring Report

John Rudolph provided an update on the TMDL Compliance Monitoring, and stated that a 2nd quarter report summarizing monitoring activities through the end of December 2016 will be released shortly.

Mr. Rudolph discussed the available satellite data results highlighting an issue with the resolution of the current satellite (LANDSAT 8) imagery, where in the narrow section of the Canyon Lake East Bay, the resolution is not high enough to separate land from water and possibly giving higher chlorophyll a results than from the in-lake data.

Higher resolution imagery is available from a new satellite (Sentinel 2A) that was just put in orbit last summer. However, this data comes at a higher cost and there is an issue with angle of reflection that creates interference with the data collected in the summer months.

Following discussion of the value of higher resolution Sentinel 2A data, the Task Force requested that John Rudolph prepare a cost estimate for purchasing the higher resolution data for next fiscal year.

A copy of the presentation by John Rudolph is attached to these meeting notes while the SAWPA website is being updated

Lake Updates

Lake Elsinore

Rita Thompson reported that with the recent storms Lake Elsinore has risen 12 to 15 inches to a current level of 1,233.5 feet above sea level. She also noted that although SCWWRP has discontinued their cyanobacteria monitoring for the year, Amec Foster Wheeler continues their bi-monthly sampling.

Canyon Lake

Nancy Horton reported that there was water spilling over the Canyon Lake dam for six days and that the lake is full. She also brought up an issue that the current sign for the Canyon Lake Alum Treatment project is in poor condition and asked if the sign located at Holiday Harbor Park could be replaced along with adding a second sign at the East Port Park.

Mark Norton said the sign was a requirement of the near completed Prop 84 Grant, but he would request staff to get a quote for an updated sign to provide information to residents about the Alum Project.

Task Force Administration (LESJWA Staff)

A. DRAFT FY 2017-18 Task Force Budget

Rick Whetsel reviewed the Draft FY 2017-18 LE&CL TMDL Task Force Budget.

Following discussion, the Task Force requested a number of revisions to the Budget including:

- Reduce the contingency from 10% to \$10,000
- Remove the \$50,000 for Phase 2 Supplemental Project Reserve fund
- Remove \$25,000 for Lake Elsinore Fishery Management
- Include a line item for the additional costs for high resolution satellite imagery
- Apply \$200,000 of the cash reserve to offset the full cost of the Canyon Lake Alum Applications

Additionally, Mr. Whetsel noted outstanding invoices for FY 2016-17 including the Cities of Beaumont, Moreno Valley, and Wildomar, as well as for California Department of Fish and Wildlife. He will follow up with these stakeholders on the status of the invoices.

A copy of the Draft FY 2017-18 budget prepared by LESJWA staff is attached to these meeting notes while the SAWPA website is being updated.

B. Task Force Agreement (expires 6/30/2107)

Rick Whetsel reminded stakeholders that the current Task Force Agreement is due to expire at the end of June 2017, and staff will work on an updated agreement for the stakeholders to discuss at the next meeting.

Tim Moore informed staff that the current cost allocations are based upon the original waste load allocations and need to be updated for the new agreement.

Staff will review the budget sections of the current agreement to assure that the new agreement will reflect the new stakeholder waste load allocations with respect to the budget.

Please note the expectation is that the future budgets associated with the new agreement will reflect the new waste load allocations. However, the upcoming FY 2017-18 budget will adhere to the current stakeholder cost allocation budget model.

Stakeholders requested that LESJWA staff send out the current LE&CL TMDL Task Force Agreement to stakeholders to review.

Other Business

There were no other items of business.

Schedule Next Meeting

The next LE&CL TMDL Task Force meetings are scheduled for February 16th 9:30 a.m. to noon at SAWPA, and March 22nd from 9:30a.m. to noon at SAWPA.

Adjourn

The meeting adjourned at 3:50 p.m.