

# LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE

Wednesday, March 22, 2017  
9:30 a.m. – 12:00 p.m.

SAWPA, 11615 Sterling Avenue, Riverside, CA 92503

## AGENDA

1. Call to Order/Introductions
2. Meeting Notes from the Task Force Meeting held February 16, 2017
- 60 min.* 3. Presentation: Freshwater Harmful Algal Blooms in California: Recent Events and Impacts (Dr. Meredith Howard/ SCCWRP)
- 10 min.* 4. Recommendation: Consider Support for Algae Toxicity Monitoring at Lake Elsinore and Canyon Lake (LESJWA Staff)
- 60 min.* 5. Discussion: Update and Revise TMDLs (CDM Smith Team & Risk Sciences)
  - A. General Project Update
  - B. Draft Wasteload Allocation
- 10 min.* 6. Task Force Administration (LESJWA Staff)
  - A. Recommendation: Approve DRAFT FY 2017-18 Task Force Budget
  - B. Recommendation: Approve DRAFT Amendment to Task Force Agreement
- 10 min.* 7. Update: Canyon Lake Alum Project (LESJWA Staff)
  - A. New Alum Treatment Project Signs
- 10min.* 8. Lake Updates:
  - A. Lake Elsinore
  - B. Canyon Lake
9. Other Business
10. Schedule Next Meeting and Pre-meeting Conference Call
11. Adjourn

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

**February 16, 2017**

PARTICIPANTS

John Rudolph  
Richard Meyerhoff  
Steven Wolosoff  
Phuong Hunter  
Jeff Endicott  
Daniel Cortese  
Rita Thompson  
Farid Dost  
Jamie Richards  
Cynthia Gabaldon  
Mike Roberts  
Lynn Merrill  
Steve Horn  
Liselle DeGrave  
Nancy Horton  
Sudhir Mohleji  
Lauren Sotelo  
Ankita Vyas  
Kyle Gallup  
Mark Smythe  
Steven Wolosoff  
Garth Englehorn  
Pat Boldt  
Tim Moore  
Mark Norton  
Rick Whetsel

REPRESENTATIVE

AMEC Foster Wheeler  
CDM Smith  
CDM Smith  
City of Beaumont  
City of Hemet  
City of Hemet  
City of Lake Elsinore  
City of Lake Elsinore  
City of Menifee  
City of Perris  
City of Riverside  
City of San Jacinto  
County of Riverside  
DeGrave Communications  
Elsinore Valley MWD  
Elsinore Valley MWD  
March JPA  
Michael Baker/Caltrans  
Riverside County Flood Control & WCD  
Regional Water Quality Control Board  
CDM Smith  
Alta Environmental  
WRCAC  
Risk Sciences  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

Via Conference Call:

Bobby Gustafson  
Steve Pastor  
Rae Beimer

Elsinore Valley MWD  
Riverside County Farm Bureau  
Cities of Canyon Lake/Moreno Valley

**Call to Order & Introductions**

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 9:35 p.m. by Rick Whetsel 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 January 4, 2017.

**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 discussed the next steps. This includes the preparation of the next two chapters: Linkage Analysis and the Wasteload and Load Allocations, which are being worked on simultaneously. Drafts of these chapters are expected to be sent out together in mid to late March.

After that, CDM Smith will shift gears from the numbers and begin work on Chapter 7, Implementation Chapter. This chapter will detail all of the BMPs implemented by stakeholders since the formation of the Task Force.

B. Draft Wasteload Allocation:

Steve Wolosoff/CDM briefed stakeholders on the status of the project, which included an update on the numeric targets developed for Canyon Lake, followed by a discussion of the wasteload allocations and the reductions required to achieve these allocations.

A direct link is provided below to SAWPA's website containing all the presentations given at the meeting:

<http://www.sawpa.org/wp-content/uploads/2012/05/2017-2-16-CDM-Alta-RCFCD-Presentations-2-CL-Alum-Signs-comb1.pdf>

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

Tim Moore noted comments received from stakeholders on the Draft License Agreement have been addressed.

Mr. Moore noted on lines 144-149 of the Agreement that the current credit/hour ratio of 3.5 kg of 148 phosphorus reduction credit, and 22 kg of nitrogen are not fixed and may be revised by the operators in the future.

Stakeholders requested that this agreement be linked to the Operators Agreement for the Operation and Maintenance of LEAMS.

Mark Norton informed stakeholders that Tim Moore will be bringing the agreement to the April 19th LESJWA Board meeting for approval.

A copy of the Draft License Agreement for Excess Offset Credits Generated by LEAMS, and Tim Moore's other meeting handouts are available on SAWPA's website:

<http://www.sawpa.org/wp-content/uploads/2012/05/Risk-Sciences-Handouts-2-16-17-w-ver-4-Leams-Lic.-Agmt.pdf>

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

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

A. February (spring) 2017 Alum Application

The February 2017 alum application was completed successfully.

Nancy Horton noted that this spring alum application was the best to date, with no negative feedback from Canyon Lake residents..

B. New Alum Project Sign(s) and Cost Estimate

This is in response to stakeholders' requests to replace the Alum Project sign with two new signs, one to replace the current sign at Holiday Harbor Park and a second sign at East Port Park. LESJWA staff received a quote for two aluminum 4x8 foot signs from Highway Safety Sign Company for a cost of \$1,520.

Mark Norton recommended that DeGrave Communications design the sign layout. Liselle DeGrave estimated approximately \$500 for sign design and graphics. She provided stakeholders a draft sample of a design for the sign.

Following discussion of modifications to the sign design, a motion was put forward by Steve Horn and seconded by Pat Boldt to authorize staff to proceed with the preparation of two new signs with a budget not to exceed \$2,500.

**Update: 2016-17 Storms (RCFC&WCD)**

Kyle Gallup/RCFC&WCD presented to stakeholders an update on the winter storm events. This included aerial images of the San Jacinto River near Mystic Lake and a brief video of the spill over from Canyon lake dam.

## **Update: TMDL Compliance Program**

### **A. Watershed Storm Monitoring (Alta Environmental)**

Garth Englehorn/Alta Environmental provided an update on the storm monitoring component of the LE&CL TMDL Compliance Monitoring program.

Mr. Englehorn noted that the upcoming storm event will be the third storm for the season. He asked if stakeholders are interested in additional monitoring of Canyon Lake outflow, as there has only been data collected for two events at that site, and there is available funding for additional monitoring if another storm occurs. Stakeholders decided that this was not necessary as historical monitoring records show the water quality data results to be fairly consistent at the various monitoring sites across storm events.

In light of the recent alum addition, Tim Moore requested additional sampling for total, dissolved and sediment concentrations of aluminum. This monitoring would be performed at all there monitoring locations and is intended to show the concentrations of aluminum entering Canyon Lake, as well as aluminum leaving Canyon Lake.

Following discussion, a motion was brought forward by Lynn Merrill and seconded by Phuong Hunter to include the additional aluminum monitoring. The motion passed unanimously to conduct additional aluminum monitoring using Task Force contingency funds.

### **B. 303D List Update (Risk Sciences)**

Tim Moore informed stakeholders of the new 303-D list published by the State and the listing of DDT for Lake Elsinore.

Mr. Moore believes this listing will not to be an issue for stakeholders, as it was from data collected in 2007 from fish tissue samples. He noted that DDT, like PCB's, which also was detected for Lake Elsinore a number of years ago are not being detected in the water column and are probably 80 to 90 percent degraded from the time when they were discharged, and because the appropriate regulatory actions were taken (i.e. the substances were banned), there are no active management strategies that stakeholders need to implement.

## **Lake Updates**

Mr. Whetsel reminded everyone of the email to stakeholders regarding a Harmful Algal Blooms (HABs) Webinar on April 5th, 2017, and a workshop at SCCWRP April 25th to 27th.

### Lake Elsinore

Due to the recent storms, Lake Elsinore lake level is currently 1,239.5 feet above sea level.

### Canyon Lake

Nancy Horton reported that Canyon Lake is full and that the dam will likely spill again with the next storms.

## **Task Force Administration (LESJWA Staff)**

### **A. DRAFT FY 2017-18 Task Force Budget**

Rick Whetsel noted that the Draft FY 2017-18 LE&CL TMDL Task Force Budget was distributed for review by stakeholders.

The plan moving forward is to wrap up discussion and approve the budget at next month's Task Force meeting.

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

Rick Whetsel reminded stakeholders that a draft amendment to the Task Force Agreement was distributed to stakeholders.

The plan moving forward is to discuss the draft amendment at next month's Task Force meeting.

**Other Business**

Mark Norton reminded stakeholders of the upcoming OWOW Workshop on Thursday February 23<sup>rd</sup> from 9:00 to 10:00 a.m. at SAWPA and urged them to attend.

**Schedule Next Meeting**

The next LE&CL TMDL Task Force meetings are scheduled for March 22<sup>nd</sup> from 9:30a.m. to noon at SAWPA.

**Adjourn**

The meeting adjourned at 12:10 p.m.