

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

August 15, 2017

PARTICIPANTS

Garth Englehorn
Chris Stransky
Steven Wolosoff
Nancy Horton
Daniel Cortese
Melanie Sotelo
Nicole Dailey
Jamie Richards
Cynthia Gabaldon
Mike Roberts
Lynn Merrill
Sudhir Mohleji
Jesus Gastelum
Ankita Vyas
Mark Smythe
Eric Lindberg
Ken Theisen
Tim Moore
Kyle Gallup
Ava Moussavi
Richard Boon
Pat Boldt
Mark Norton
Rick Whetsel
Rae Beimer
Lauren Sotelo
Steven Wolosoff

REPRESENTATIVE

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

Via Conference Call:

Jayne Joy
Ali (Mike) Humayun

EMWD
Elsinore Valley MWD

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 Task Force deemed the Meeting Notes acceptable for the meeting held on June 13, 2017.

Update: Canyon Lake Alum Application

Rick Whetsel informed stakeholders that in preparation for a fall 2017 alum application, LESJWA staff will be scheduling a project coordination meeting for the end of August. The alum application is tentatively scheduled for the week of September 25-29. This will be confirmed at the project coordination meeting.

Comment Letter – EPA Draft Aluminum Criteria

Tim Moore/Risk Sciences presented to stakeholders draft criteria for a new aluminum standard from EPA. Mr. Moore reviewed the previous standard from 1988 in comparison to the draft 2017 Aquatic Life Ambient Water Quality Criteria for Aluminum in Freshwaters. He noted some key issues with the new criteria with regard to our effort to treat Canyon Lake with Alum and recommended that the Task Force authorize him to prepare a comment letter to EPA. The focus of this letter will be on the following:

- Develop separate warm and cold water criteria.
- Expand model domain to include higher hardness values (>150 mg/L) common to arid west waters.
- Expand model domain to include higher DOC values (>5 mg/L) common in warm water lakes.
- Affirm ability to use the Water Effects Ratio (WER) procedure to develop site-specific aluminum criteria
- Special consideration/exception for Alum applications; at a minimum, only the acute criteria should be applied to applications made in accordance with label.

Following discussion, a motion was put forward by Nancy Horton and seconded by Lynn Merrill to authorize Tim Moore to prepare a comment letter to be reviewed by stakeholders prior to submittal to EPA. The motion was unanimously approved by stakeholders.

Mr. Moore said a draft of the letter should be available the first week of September.

Nancy Horton said some of the local fishermen had asked whether the alum has an impact on midges; the concern being that the alum was inhibiting the presence of midges, which would impact the food supply for game fish in Canyon Lake. Tim Moore said he would look into the matter.

A direct website link is provided below to access the full presentation(s) given at the meeting:

<http://www.sawpa.org/wp-content/uploads/2012/05/LE-CL-TMDL-Task-Force-Mtg-Pkt-8-15-17.pdf>

Update: 2016-17 Annual Water Quality Monitoring Results (Amec FW /Alta Environment)

Chris Stransky/Amec Foster Wheeler presented to stakeholders the 2016-17 Lake Elsinore & Canyon Lake Nutrient TMDL Annual Water Quality Monitoring Report. He then introduced Garth Engelhorn/Alta Environmental to discuss the stormwater monitoring data and review the nutrient loading to the lakes from watershed wash-off.

Mr. Stransky next introduced John Rudolph/Amec Foster Wheeler to provide a review of the water quality profile data collected for each of the lakes.

Mr. Rudolph reviewed the results of analysis performed by Amec to compare dissolved oxygen data collected in the field against sonde data collected by EVMWD in Lake Elsinore, and a comparison of DO sample results collected in the morning versus afternoon sampling. Based upon a review of this data, Amec is considering installing sondes in Lake Elsinore to collect surface level DO, as this data is not collected by the existing data sondes.

HAB Monitoring

Mr. Rudolph reviewed the results of cyanobacterial toxin monitoring performed by Amec Foster Wheeler as part of the TMDL compliance monitoring program in support of the LE&CL TMDL Task Force. Due to the limited data collected in 2016-17, this included a review of the cyanotoxin monitoring performed by Amec on behalf of the City of Lake Elsinore.

With regard to Hazardous Algal Bloom (HAB) monitoring, Nancy Horton stated that the City of Canyon Lake, as well as the Canyon Lake Property Owners Association (POA) have declined to conduct their own HAB monitoring due to concerns of liability.

Mark Norton stated that he had been asked to speak to the POA this evening to discuss the POA conducting additional HAB monitoring to augment the monitoring conducted by the Task Force.

Next, John Rudolph/Amec Foster Wheeler presented a request to stakeholders for additional funds to cover a cost overrun in FY 2016-17 of \$3,383. These overages were largely due to pre-alum monitoring efforts that required more time than originally budgeted for in the previous change order, the additional analysis/reporting of dissolved oxygen concentrations in both lakes to better understand spatial and temporal variability beyond TMDL reporting requirements, and in light of the ongoing TMDL revision.

Following discussion, a motion was put forward by Pat Boldt and seconded by Nancy Horton to authorize a change order to pay for the cost overrun by Amec using the Task Force reserve to cover these costs. The motion was unanimously approved by stakeholders.

Pat Boldt noted that in the future, the consultant should bring the need for additional funds to the attention of the Task Force prior to moving forward with the work.

Discussion: Update and Revise TMDLs (CDM Smith Team & Risk Sciences)

Discussion TMDL Implementation

Steven Wolosoff/CDM Smith presented to stakeholders on the proposed implementation framework for the updated TMDLs. This included a review of completed draft TMDL elements, discussion of concentration based allocations being considered by the consulting team, the implementation framework and a brief discussion of several supplemental project options.

The Draft Implementation chapter is scheduled to be released for review around October 15th followed by a Draft Monitoring chapter to be released around the beginning of November.

Lake Updates

Lake Elsinore

No update from the City of Lake Elsinore. It was noted that lake level is currently 1238.17 feet above sea level.

Canyon Lake

No further update was provided regarding Canyon Lake. It was noted that lake level is currently 1377.4 feet above sea level.

Task Force Administration (LESJWA Staff)

FY 2017-18 Invoices

Rick Whetsel reminded stakeholders that invoices are due.

Amendment #1 to Task Force Agreement

Rick Whetsel reminded stakeholders that signature pages are due.

Other Business

There was no other business discussed.

Schedule Next Meeting

The next LE&CL TMDL Task Force meeting is scheduled for Tuesday, September 12th at 1:00 p.m. at SAWPA, and a follow-on meeting is scheduled for Thursday, October 19th at 9:30 a.m. at SAWPA.

Adjourn

The meeting adjourned at 12:10 p.m.