

**MEETING NOTES  
OF THE  
LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE**  
**September 19, 2018**

**PARTICIPANTS**

Dave Renfredo  
Ankita Vyas  
David Jensen  
John McNamara  
Rae Beimer  
Daniel Cortese  
Rita Thompson  
Tad Nakatani  
Rae Beimer  
Mike Roberts  
Lynn Merrill  
Nancy Horton  
Sudhir Mohleji  
Rachael Johnson  
Chris Stransky  
Richard Meyerhoff  
Greg Kahlen  
Tim Moore  
Richard Boon  
Andrea Gonzalez  
Rebekah Guill  
Bruce Whitaker  
Rick Whetsel  
Mark Norton  
Pat Boldt

**REPRESENTATIVE**

Alta Environmental  
Caltrans/MBI  
CDM Smith  
CR&R  
City of Canyon Lake  
City of Hemet  
City of Lake Elsinore  
City of Menifee  
City of Moreno Valley  
City of Riverside  
City of San Jacinto  
Elsinore Valley Municipal Water District  
Elsinore Valley Municipal Water District  
Farm Bureau  
Wood Environmental  
GEI Consulting  
The Kahlen Group  
Risk Sciences  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
WRCAC

**VIA-CONFERENCE CALL**

Renee Hunter  
John Rudolph  
Lauren Sotelo  
Scott Bruckner  
Steve Wolosoff

Elsinore Valley Municipal Water District  
Wood Environmental  
March JPA  
County of Riverside  
CDM Smith

**Call to Order & Introductions**

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 1:01 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 August 15, 2018.

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

Richard Meyerhoff/GEI Consulting provided an update on the TMDL Update/revision. He informed stakeholders that the consultant team is still working on compiling comments and updating the administrative record and references. Tim Moore/Risk Sciences noted that he is still working to prepare the executive summary.

RCFC&WCD staff requested an additional week to review the technical document and provide comments.

Tim Moore requested that this be the final round of review by stakeholders to allow the consultant team to wrap up the technical document and submit it as final to Regional Board. There will be further opportunity for comments, as part of the process by the Regional Board.

Tim Moore reported to the Task Force on his presentation to the Regional Board at the September 7<sup>th</sup> workshop. Mark Norton/LESJWA followed up by informing the Task Force that the presentation was very well received by the Board and that Tim did a great job in his presentation.

Ken Theisen/Santa Ana Regional Board informed the Task Force that he recently met with the new EPA TMDL representative, Diane Fleck to brief them on the LE&CL TMDL effort. Ken thought it was a very positive meeting. EPA had a few suggestions on the TMDL, most notably a suggestion to add a numeric target for TDS for Lake Elsinore. Ken has talked about this issue with the consultant team in considering it as part of the TMDL update/revision.

Ken informed the Task Force that he has drafted a tentative resolution with the Basin Plan amendment language that staff is proposing the Regional Board change for the 2004 TMDL Basin Plan amendment.

Ken stated that he will be reviewing the issue of a numeric target for TDS with upper management, but other than that this document is very close to what we need done to change the 2004 TMDL. Additionally, with respect to this document being a final draft report, Ken wants to be able to consider the technical document as submitted by the Task Force as final. He believes this report is such a good product. He does not want to create a separate staff report that proposes changes to the things that we have all worked together to create and he wants to submit it to the Regional Board as the product of this cooperative stakeholder driven process.

Relating to this effort, Ken noted that he is hopeful this TMDL revision will last twenty to forty years. He acknowledged in this report that we may need up to twenty years of data to evaluate long-term compliance with the cumulative distribution function (CDF) numeric targets. We have included a compliance evaluation as part of the reporting requirements in the new TMDL to be done every five years coinciding with the MS4 permit renewal. He is proposing to add a requirement that the Task Force take on the effort and cost to conduct the aerial surveys that have been done by WRCAC and the County in the past. This is being considered to be done about every five years as part of the compliance evaluation, because we are still having major changes in land use.

Tim Moore informed stakeholders that with the submission of the Final Technical document to Regional Board, the work by the consultant team, led by CDM Smith is complete. However, Mr. Moore stated that he believes additional support will be required from the consultants at CDM-Smith, GEI and Wood Environmental to support Regional Board staff in taking the TMDL technical document through the entire approval process including Regional Board, State Board and EPA. He requested and received approval from the Task force to prepare a scope of work to bring back to the next Task Force meeting for review and consideration by the Task Force.

Mark Norton, in light of CR&R being nearly complete in their hydrologic analysis, asked a question of whether the CR&R project needs to be included in the revised TMDL?

Ken responded, that CR&R is planning to submit a revised application to the Regional Board that includes plans to remove material during the threat of certain rain conditions. He believes this will address TMDL compliance concerns of the Regional Board, so that there will be no significant discharge from the facility and there would not be a need to issue a NPDES permit, nor include a waste load allocation for CR&R in the TMDL. Ken; however, will not be able to make a determination until he has reviewed CR&R's new discharge application.

#### **Presentation: 2017-18 Annual TMDL Monitoring Report Results (Wood Environmental)**

Chris Stransky/Wood Environmental presented to the Task Force the findings of the FY 2017-18 Annual TMDL Monitoring Report.

Mark Norton requested for future reporting, in light of the proposed TMDL update, Wood Environmental include CDF graphs for appropriate water quality parameters.

Tim Moore /Risk Sciences requested Wood Environmental to include the secchi depth as part of annual reporting. Chris Stransky noted that the secchi depth data is collected as part of the field analysis and that they would incorporate this data into the annual report.

Tim Moore noted, that the current model runs are based upon the addition of 9.0 MGD of recycled water and that an additional model run will be needed to create a CDF for Lake Elsinore with the current recycled water additions.

Tim Moore followed with slides showing the results of the analysis by EO Maps to evaluate the potential for a hazardous algal bloom (HAB). He was disappointed to inform the Task Force that at this time this analysis has not shown good correlation between the presence of chlorophyll a and HAB monitoring data. Therefore, the Task Force is not currently using this data to evaluate the potential for HABs. EO Maps is continuing to work on their correlation algorithm to improve their models predictive ability.

Additionally, Tim presented a hand out detailing the Regional Board requirements for NPDES permit holders to submit a Statement of Certification with any permit report deliverables. Tim reminded stakeholders that failing to submit the certification is considered a technical violation of the permit. This authority cannot be delegated to the Task Force or LESJWA/SAWPA.

Copies of these presentation materials are available on the Lake Elsinore & Canyon Lake TMDL Task Force webpage under the tab “Stakeholder Effort” in the section titled “Agendas and Meeting Materials”.

### **Discussion: Post Fire Monitoring**

#### Update: RCFC&WCD Monitoring

Rebekah Guill/RCFC&WCD presented to the Task Force on monitoring proposed by RCFC&WCD for the region impacted by the 2018 Holy fire. The goal of this monitoring is to quantify contaminant loading from burned areas compared to unburned (natural urban) areas. This monitoring will follow the guidance provided in the Southern California Stormwater Monitoring Coalition’s 2009 Technical Report for the Development of a Post-Fire Monitoring Program on the “Effect’s of Post-Fire Runoff on Surface Water Quality. Monitoring is proposed to include the 1<sup>st</sup> and 3<sup>rd</sup> wet season storm events based upon a forecast of 0.3” in 6-hrs to 0.5” in 24-hours.

Stakeholders requested RCFC&WCD to provide an estimate of the monitoring costs when available.

A copy of this presentation is available on the Lake Elsinore & Canyon Lake TMDL Task Force webpage under the tab “Stakeholder Effort” in the section titled “Agendas and Meeting Materials”.

#### Action Item: TMDL Compliance Monitoring Proposal (Wood Environmental)

Chris Stransky/Wood Environmental presented to the Task Force a scope of work intended to capture wet weather constituent data from undeveloped reference watersheds with and without fire impacts.

The proposed monitoring would be coordinated with RCFC&WCD and WRCAC. It would include monitoring of the same constituents as that currently evaluated for the TMDL.

Additionally, the proposal included potential monitoring of Lake Elsinore if notable ash from the Holy fire enters the lake during a rain event in coordination with routine TMDL monitoring dates.

Following discussion of the proposal, stakeholders requested Wood Environmental to prepare a revised scope of work, which is to be distributed by email to the Task Force for a recommendation of approval. If approved this proposal, will be taken to the October 18<sup>th</sup> LESJWA Board meeting for approval.

A copy of this presentation is available on the Lake Elsinore & Canyon Lake TMDL Task Force webpage under the tab “Stakeholder Effort” in the section titled “Agendas and Meeting Materials”.

### **Discussion: Integrating USFS Monitoring**

This item was tabled to a future meeting.

## **Update: Lake Elsinore Fishery Management RFP (LESJWA Staff)**

### Action Item: RFP

Rick Whetsel/SAWPA requested approval from the Task Force to issue the Lake Elsinore Fishery Management Request for Proposals (RFP). This RFP prepared by staff was distributed to stakeholders for review and comment on September 12<sup>th</sup> and has received preliminary approval by both Tim Moore/Risk Sciences and City of Lake Elsinore staff. Following brief discussion a motion was put forward by Nancy Horton representing EVMWD and seconded by Lynn Merrill representing the City of San Jacinto to issue the RFP to solicit proposals for firms to conduct fishery management activities for Lake Elsinore. The motion was approved unanimously.

### Discussion: Fish Stocking

This item was tabled to a future meeting.

## **Update: Canyon Lake Alum Treatment (LESJWA Staff)**

Rick Whetsel/SAWPA informed the Task Force that the Canyon lake Alum application is currently underway. Staff conducted a site visit on Tuesday, at which the application looked to be going well and as planned. Additionally, on Tuesday RCFC&WCD staff visited Canyon Lake for a tour and to see the alum application in process.

Update: the September 2018 Canyon Lake Alum Application was successfully completed without incidents.

## **Lake Updates**

### Lake Elsinore

Rita Thompson/City of Lake Elsinore informed the Task Force that the Lake level is at 1,234.39 ft. above sea level. She noted there was a recent minor fish kill, with shad being the predominant fish killed. Additionally, she noted the lake is currently posted with warning signs, but is open for recreation.

Mark Norton informed the Task Force that the LEAPS project litigation between EVMWD and Nevada Hydro has been settled, but no further update on the project is available at this time.

### Canyon Lake

Nancy Horton/EVMWD informed the Task Force that EVMWD will be receiving raw water supplement for Canyon Lake via Western MWD's turnout (WR-31 – State Water Project) in the San Jacinto River for a period of approximately 18 days. The WR-31 is approximately 15 miles upstream from Canyon Lake. The connection was turned on Friday at 10:00 am with flow rate of approximately 47 CFS. Approximately 1,800 AF of water will be released over period of 18 days. We are anticipating Canyon Lake levels to rise by approximately 3 feet as a result of this supplemental supply of water.

Nancy also updated the task Force of the ongoing effort to sewer homes in the Quail Valley area.

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

### Status Update: FY 2018-19 Invoices

Rick Whetsel/SAWPA announced to stakeholders that FY 2018-19 invoices were sent out on August 2nd. Payment on a number of the invoices has already been received.

Follow-up invoices for the individual LEAMS contributions for FY 2018-19 were sent out on September 13<sup>th</sup>.

### Discussion: WRCAC Invoice

This item was tabled to a future meeting.

### Status Update: Amendment No. 1 to Task Force Agreement

Rick Whetsel/SAWPA informed stakeholders that he has followed up with emails/calls to stakeholders regarding the outstanding signature pages to Amendment No. 1 to Task Force Agreement. He believes good progress has been made and is expecting to have the balance of the signature pages received by the end of September.

**Other Business**

No other business was discussed.

**Schedule Next Meeting**

The next LE&CL TMDL Task Force meeting is scheduled for Tuesday, October 30<sup>th</sup> from 1:00 to 4:00 pm at SAWPA.

**Adjourn**

The meeting adjourned at 4:10 p.m.