

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

September 19, 2012

PARTICIPANTS

Cathy Jochai
Steven Wolosoff
Ann Marie Rivera
Nancy Horton
James Grimm
Kathleen Wheeler
Pat Kilroy
Lori Wolfe
Kent Wegelin
Phuong Hunter
Bill Woolsey
Kevin Street
Mike Roberts
Lynn Merrill
Ron Young
Jayne Joy
Sarah Garber
Keisuki Ikehata
Tim Moore
Jason Uhley
Robert Vasquez
Dr. Michael Anderson
Nancy Gardiner
Pat Boldt
Mark Norton
Rick Whetsel

REPRESENTATIVE

Caltrans
CDM Smith
City of Canyon Lake
City of Canyon Lake
City of Canyon Lake
City of Canyon Lake POA
City of Lake Elsinore
City of Menifee
City of Moreno Valley
City of Moreno Valley
City of Murrieta
City of Riverside
City of Riverside
City of San Jacinto
Elsinore Valley Municipal Water District
Eastern Municipal Water District
MWH
PACE
Risk Sciences
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
UC Riverside
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 1:45 p.m. by the Chair, Ron Young at Elsinore Valley Municipal Water District, Lake Elsinore, California.

Public Comments

The public was invited to address the Task Force on matters within its jurisdiction. There were no comments.

Approval of the Meeting Notes

The Task Force meeting notes of August 21, 2012, were unanimously approved as submitted.

Presentation: Lake Elsinore/Canyon Lake Modeling Update (Dr. Anderson/UCR)

Dr. Michael Anderson presented to the Task Force the results of the additional work requested at the August 21st Task Force Meeting: *Task 6: Predicted Water Quality in Canyon Lake with In-Lake Alum Treatments and Watershed BMPs.*

The objective of this work was to evaluate the predicted water quality in Canyon Lake that would result from implementation of watershed BMPs in in-lake alum treatments, and watershed BMPs.

The findings of this work suggested that an alum treatment of Canyon Lake should be an effective way to remove phosphorus from the water column, and for surface treatments it should also improve water clarity for at least a short period following the application.

Update: Canyon Lake TMDL Implementation Strategies (Tim Moore/Risk Sciences)

Tim Moore/Risk Sciences; went on to discuss potential dosing strategies and costs. He thought the proposal would call for annual dosing performed in two applications to maximize efficiency costing in the range of \$100,000 to \$130,000 per year.

Mr. Moore then went on to discuss issues on Canyon Lake regarding Aluminum toxicity and stated that he did not believe there would be any toxicity concerns at the level the Task Force is proposing.

Mr. Moore also noted that Aluminum is not part of the California Toxics Rule, and is not identified in the Santa Ana Basin Plan. He does not believe that the Task Force will need a NPDES permit to dose alum in Canyon Lake and that the process to address any regulatory issues would be done through CEQA.

Action Item: Additional Analysis and Reporting to evaluate and track TMDL Compliance

Rick Whetsel, referenced the comments from Hope Smythe to the Annual TMDL Water Quality Monitoring from the Task Force direction in addressing a request from Regional Board staff to provide an analysis of annual watershed loads in order to begin to evaluate and track the 10-year average and statistical analyses water quality data collected in the lakes to evaluate how chlorophyll a levels and dissolved oxygen are related to TP and TN concentrations, lake level or other factors.

The Task Force recommended that LEJWA staff work with Tim Moore to develop a tool/strategy to evaluate these issues for the next annual report.

Action Item: Funding Reimbursement Request for Additional Water Quality Analysis (Canyon Lake POA)

Kathleen Wheeler/ Canyon Lake Property Owners Association informed the Task Force of a proposal to conduct additional monitoring to better understand water quality issues in the East Bay of Canyon Lake and to request funding reimbursement from the Task Force for these costs.

Stakeholders informed POA staff that the Task Force has been collecting monthly water quality monitoring for the East Bay since 2005, and Dr. Anderson, on behalf of the Task Force, has conducted a number of studies and models on Canyon Lake. With all of this readily available data on hand, the stakeholders did not believe it was necessary to do any additional monitoring.

The Task Force requested that Tim Moore and Dr Anderson work together to draft a letter to the POA to describe water quality issues in the East Bay of Canyon Lake and to detail the inefficiencies of Solar Bees in improving water quality.

Update: Riverside County CNRP and San Jacinto AgNMP

The County MS4 and their consultants are planning to take the latest data from Dr Anderson's Task 6 Tech Memo and re-craft their proposed remediation project recommendation for Canyon Lake. The Ag NMP will follow the completion of the CNRP.

Discussion: Hiring Lobbyist or Consultant for In-Lake Improvements Funding Opportunities

This item has been tabled until a final CNRP remediation project for Canyon Lake has been defined.

Status Report: Task Force Administration

LESJWA staff is awaiting responses from consultants to complete the revisions to the Annual TMDL Water Quality Report.

Other Business:

Pat Boldt is currently working to collect the next round of TMDL funding from the Ag and dairy participants through WRCAC.

Schedule Next Meeting

The next Task Force Meeting is scheduled for Tuesday, October 23, 2012 at 9:00a.m.

Adjourn

As there was no further business for review, the meeting adjourned at 4:30p.m.