

Meeting Notes

Lake Elsinore and Canyon Lake TMDL Task Force Technical Advisory Committee

October 25, 2010, at 1:30 PM
Lake Elsinore and San Jacinto Watersheds Authority
11615 Sterling Avenue
Riverside, CA 92503
Prepared by Rick Whetsel

Lake Elsinore and Canyon Lake TMDL Committee Members Present	Pat Kilroy, City of Lake Elsinore Ron Young, Elsinore Valley Municipal Water District Jim Grimm, City of Canyon Lake Pat Boldt, San Jacinto River Watershed Council Jason Uhley, County of Riverside
Absent	Hope Smythe, Regional Water Quality Control Board Mark Norton, SAWPA
Others Present	Dr. Michael Anderson, UCR; Cindy Li, RWQCB; Dave McElroy, MWD; Steve Pastor, Riv. Co. Farm Bureau; Steve Palmer, City of Wildomar; Tim Moore, Risk Sciences; Nancy Gardiner, B&C; Gian Villarreal, RBF/Caltrans; Ray Stinnett, Stinnett Enterprises; Rick Whetsel, SAWPA

1. CALL TO ORDER

Rick Whetsel called the meeting to order at 1:40 p.m.

2. DEMONSTRATION OF REMETRIX'S 3D LAKE MODEL (RICHARD DIRKS/REMETRIX)

Richard Dirks/ ReMetrix presented to the TAC an overview of their 3D Lake Model for Lake Elsinore prepared as part of the Prop 40 funded grant project. Using the live on-line "Go to Meeting" Tool, Mr. Dirks provided a demonstration of the functionality and capabilities of the 3D Lake Modeling Tool.

It was noted that there is not a great deal of data currently available for the tool and that the value of this tool would increase as future satellite image data were added to the tool.

3. PRESENTATION OF AQUATECHNEX SATELLITE IMAGERY ANALYSIS (TIM MOORE/RISK SCIENCES)

Tim Moore/Risk Sciences presented to the TAC a review of the satellite imagery data prepared by Aquatechnex as part of the Prop 40 funded grant project. This included a historical review and analysis of *Chlorophyll-a* and total phosphorus data for Lake Elsinore and a sample of Total Phosphorus data for Canyon Lake. Mr. Moore discussed the value of the satellite imagery with regard to the ability to review and analyze historical data, the number of data points available for the lake from each scan and the opportunity it affords the Task Force to reduce costs for future field monitoring. A copy of his presentation is available on the SAWPA website:

<http://www.sawpa.org/roundtable-LECLTF.html>

4. DISCUSSION OF PHASE 2 MONITORING PROGRAM

Tim Moore/Risk Sciences discussed his recommendation to the TAC that a letter be prepared for Regional Board staff requesting that the Task Force continue with the Phase 1 Watershed-wide Monitoring Program, while options for incorporating satellite imagery analysis into the overall monitoring program are evaluated. This letter would also support the reduced in-lake monitoring program for Lake Elsinore and Canyon Lake prepared for EVMWD and the TAC by MWH.

The letter and corresponding revised lake monitoring program will need to be submitted to Regional Board staff by December 2010.

Tim Moore will prepare a Draft letter for the TAC to review.

5. DISCUSSION OF PHASE 2 ALTERNATIVES PLAN

Tim Moore/Risk Sciences discussed his recommendation to the TAC that a letter be prepared for Regional Board staff identifying key Phase 2 Remediation Alternatives.

Tim Moore will prepare a Draft letter for the TAC to review.

6. DISCUSSION OF AERATION O & M AGREEMENT

Tim Moore/Risk Sciences discussed his recommendation to the TAC that a letter be prepared for Regional Board staff requesting that the Task Force continue with the existing O&M Agreements for Lake Elsinore Aeration and Destratification system, as well as for the Lake Elsinore Fishery Management Agreement.

Tim Moore will prepare a Draft letter for the TAC to review.

7. DISCUSSION OF ENHANCEMENTS TO TETRA-TECH'S SPREADSHEET TOOL

Due to time constraints this TAC item was postponed to a future meeting.

8. UPDATE CANYON LAKE AERATION SYSTEM (RICK WHETSEL/SAWPA)

Rick Whetsel distributed to the Task Force a brief status report by PACE Engineering on the status of the Canyon Lake Aeration System.

9. NEXT MEETING

The Technical Advisory Committee Meeting is scheduled for 9:30am Thursday, November 18, 2010. The next Lake Elsinore and Canyon Lake Nutrient TMDL Task Force will be scheduled at that meeting.

Rick Whetsel adjourned the meeting at 4:45 p.m.