

# Meeting Notes

## Lake Elsinore and Canyon Lake TMDL Task Force Technical Advisory Committee

April 6, 2011, 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

Hope Smythe, Regional Water Quality Control Board  
Pat Kilroy, City of Lake Elsinore  
Jim Grimm, City of Canyon Lake  
Pat Boldt, San Jacinto River Watershed Council  
Mark Norton, SAWPA  
Jason Uhley, County of Riverside  
Ron Young, Elsinore Valley Municipal Water District

### Others Present

Steve Pastor, Riv. Co. Farm Bureau; Kent Wegelin, City Moreno Valley; Nancy Horton, City Canyon Lake; Tim Moore, Risk Sciences; Andy Komor, PACE Eng.; Nancy Gardiner, Brown & Caldwell; Gian Villarreal, RBF/Caltrans; Rick Whetsel, SAWPA

#### 1. CALL TO ORDER

Rick Whetsel called the meeting to order at 1:43 p.m.

#### 2. APPROVAL OF THE MEETING NOTES

The Meeting notes for the March 22<sup>nd</sup> TAC meeting were approved without any comments.

#### 3. DISCUSSION: RESPONSE TO COMMENTS - PRELIMINARY DESIGN REPORT FOR THE CANYON LAKE OXYGENATION SYSTEM (ANDY KOMOR/PACE ENGINEERING)

Andy Komor, PACE Engineering responded to questions and comments from the TAC regarding the Draft Preliminary Design Report for the Canyon Lake Oxygenation System (HOS). There was much discussion regarding the cost of the project and an alternative to build the project in two phases to reduce the initial costs to stakeholders, as well as to provide an opportunity for grant funding.

Discussion then moved to the idea of treating Canyon Lake with Phoslock, which due to the full cost of the HOS project development coming in at over \$2.5 million, becomes a viable alternative at an annualized cost of treatment at \$250-300 thousand annually.

The TAC decided that it needed additional information on project costs and available funding opportunities before moving toward a decision on project design. The TAC requested that PACE Engineering provide a description of a two phase hybrid HOS system with costs to compare to the cost of annual Phoslock dosing. This would include an estimate of the annualized cost for two phased approach to construct a hypolimnetic oxygenation system for Canyon Lake based upon a 20 year life cycle. Additionally, the TAC requested Mark Norton to review what funding options the Task Force has to construct and implement the Canyon Lake system.

#### 4. DISCUSSION: 2011 TMDL IMPLEMENTATION STRATEGY (TIM MOORE/RISK SCIENCES)

Tim Moore/Risk Sciences briefly noted that all discussion regarding the 2011 TMDL Implementation Strategy would be covered in the following agenda items.

5. DISCUSSION: LAKE ELSINORE AERATION SYSTEM O&M AGREEMENT

Tim Moore/Risk Sciences shared with the TAC a Draft outline for the Lake Elsinore Aeration System O&M Agreement, noting that it had been reviewed by all of the parties. Discussion ensued with regard to how credits would be owned and at what level parties could be involved in trading credits. It was said that for now the agreement would include the three existing parties (Riverside County, EVMWD and the City of Lake Elsinore), along with the addition of the MS4 Permittees, and through this agreement these agencies could then trade their excess credits to other stakeholder agencies.

The agreement would set the basis for pollutant trading and would serve as a template for other future pollutant trading opportunities in the watershed, such as fishery management and a treatment system for Canyon Lake. It was noted that the agreement will need to take into account the decay rate for nutrients to establish credit off-sets, and that this is a rather complicated concept that may require additional information to establish credit offsets. Concern was then raised about getting an agreement ready by the end of June, as the existing agreement will expire on June 30<sup>th</sup>, and it could take many months to get all of the parties to sign the agreement. It was also noted that before the agreement can be implemented it must be approved by the Regional Board; otherwise it would not be considered legal. It was then suggested that the TAC consider extending the current agreement one year as the details are worked out.

After much discussion the TAC requested Tim Moore to complete Tables 1 and 2 in the Draft Outline and distributed the document over to legal counsel from EVMWD to develop the draft agreement document.

6. DISCUSSION: 2010 SAN JACINTO WATERSHED MODEL SUMMARY OF STAKEHOLDER ACREAGE

Rick Whetsel presented to the TAC a spreadsheet breaking down the land use and nutrient loading data from the 2010, San Jacinto Watershed model by Tetra Tech into stakeholder allocations. After some discussion stakeholders requested that Open Space be separated into a separate category. Mr. Whetsel will re-work the data to re-classify the data and then forward the data to Jason Uhley, who will pass it along to County staff for further review.

7. DISCUSSION: LAKE MODELING SCOPE OF WORK FOR DR. MICHAEL ANDERSON

Tim Moore informed the TAC that he, Mark Norton and Rick Whetsel had a conference call with Dr. Michael Anderson to discuss a number of modeling questions regarding Lake Elsinore and Canyon Lake. Based upon the feedback from Dr. Anderson, it was decided that Tim Moore would re-prioritize his draft scope of work to better define the work that he would like Dr. Anderson to pursue on behalf of the Task Force. This scope of work will be brought forward to the TAC to review at a future meeting.

8. DISCUSSION: POLLUTANT TRADING SCOPE OF WORK FOR RONDA SANDQUIST

The TAC briefly reviewed the Scope of Work and budget provided by Ronda Sandquist to prepare pollutant trading agreements for the Task Force. Due to the perceived high cost of her scope of work, the TAC requested that Tim Moore hire Ronda under his existing contract to work with her one-on-one to keep costs down.

Additionally, the TAC requested that Tim Moore investigate an existing pollutant trading program led by East Bay Municipal Utility District to see what kind of agreements were developed to support that program.

9. NEXT MEETING

Members of the LE&CL TAC requested that a follow-up meeting be held on May 18, 2011, at 1:30 p.m.

The next meeting of the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Meeting is scheduled for Tuesday, April 19, 2011, at 1:00 p.m.

Rick Whetsel adjourned the meeting at 12:15 p.m.