

# Meeting Notes

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

October 19, 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	Pat Kilroy, City of Lake Elsinore Ron Young, Elsinore Valley Municipal Water District Jim Grimm, City of Canyon Lake Jason Uhley, County of Riverside
Absent	Mark Norton, SAWPA Hope Smythe, Regional Water Quality Control Board Pat Boldt, San Jacinto River Watershed Council
Others Present	Steve Pastor, Riverside County Farm Bureau; Robert Vasquez, RCFC&WCD; Kent Wegelin, City of Moreno Valley; Nancy Horton, City of Canyon Lake; Rita Thompson, City of Lake Elsinore; Phoung Hunter, City of Moreno Valley; Tim Moore, Risk Sciences; Nancy Gardiner, Weston Solutions; Steve Wolosoff, CDM; Rick Whetsel, SAWPA

### 1. CALL TO ORDER

Rick Whetsel called the meeting to order at 1:35 p.m.

### 2. DISCUSSION: RESPONSE TO SEPTEMBER 2ND REGIONAL BOARD LETTERS (TIM MOORE/RISK SCIENCES)

Mr. Moore stated that he is currently working on a draft letter to Regional Board staff responding to the questions regarding the watershed and in-lake modeling efforts of the Task Force moving forward.

Tim expects to get a draft letter out to the stakeholders for review in the next week.

### 3. UPDATE: TMDL IMPLEMENTATION STRATEGY AND SCHEDULE OF DELIVERABLES

Tim Moore presented to the TAC a worksheet describing a pollutant trading scenario for phosphorus in Canyon Lake. The worksheet included a table breaking down the phosphorus loadings, load allocations and load reductions by source for Canyon Lake detailed in the 2003 TMDL. This was followed by a second table showing the projected load reductions from the implementation of a hypolimnetic oxygenation system and other sources necessary to achieve compliance with the TMDL.

Much discussion followed regarding the HOS system, costs, who would pay for it, pollutant trading opportunities and alternatives including phoslock, alum and zeolite. At this time CDM is working to put some real numbers to the cost and effectiveness of implementing each of these alternatives.

The TAC briefly discussed the Phase 2 TMDL monitoring program, with Mr. Jason Uhley stating that he has plans to meet with Ms. Pat Boldt to discuss monitoring by agriculture. This item will be discussed further at the next TAC meeting.

#### 4. DISCUSSION: TECHNICAL TASKS FOR DR. ANDERSON

Mr. Moore stated that he is currently working on a priority list of technical tasks for Dr. Michael Anderson to support the TMDL effort. These include:

- estimating the rate at which phosphorus decays to an inert mineral form where it is no longer readily bio available,
- evaluating long-term cumulative reduction of phosphorus loads from internal sediments, from the implementation of a Hypolimnetic Oxygen System in Canyon Lake,
- evaluating long-term cumulative reduction of phosphorus loads from sediment from additions of Phoslock in Canyon Lake,
- estimating expected water quality conditions in Canyon Lake and Lake Elsinore under pre-Columbian land use conditions, and
- re-running the sensitivity analysis model for Lake Elsinore BMPs.

Mr. Moore and Mr. Whetsel will work to get a draft to Dr. Anderson, with the expectation of bringing a proposal from Dr. Anderson back to the next TAC meeting.

#### 5. DISCUSSION: TASK FORCE BUDGET MODELS ALTERNATIVES

Mr. Whetsel presented to the TAC a handout including several stakeholder budget allocation models. After some discussion the TAC recommended that Mr. Whetsel revise Scenario A and prepare for the next meeting a draft budget estimate for FY 2012-13 showing scaled down LESJWA administration costs for Task Force Administration in the fixed cost portion of the budget, and in the variable budget show separate LESJWA administrative costs for each individual BMP implementation project.

#### 6. UPDATE: PROP 13 – LAKE ELSINORE BACK BASIN WETLANDS BMP IMPLEMENTATION PROJECT

Pat Kilroy noted that the project is now moving along as it appears that each of the regulatory agencies are ready to issue permits to the City to develop the project. Once the permits are in place the City will begin with project construction in an effort to complete the project on schedule by the end of March 2012.

#### 7. OTHER BUSINESS

Rick Whetsel brought to the attention of the TAC a Prop 84 Implementation Grant opportunity in the area of Stormwater. The TAC responded favorably to the idea of preparing a grant proposal for the construction of a Hypolimnetic Oxygen System for Canyon Lake. Mr. Whetsel will work closely with members of the TAC to develop a round one concept proposal based upon the PACE Report and up to date information on sizing the HOS by CDM.

#### 8. SCHEDULE NEXT MEETING (TBD)

The next meeting is a Lake Elsinore and Canyon Lake Nutrient TMDL Technical Advisory Committee meeting scheduled for Tuesday, November 15, 2011, at 9:00 a.m.

The meeting was adjourned at 4:35 p.m.