

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

**April 12, 2010**

TASK FORCE AGENCIES PRESENT

City of Canyon Lake  
City of Lake Elsinore  
City of Moreno Valley  
City of Murrieta  
City of Riverside  
County of Riverside  
Cleveland National Forest  
Elsinore Valley Municipal Water District  
EMWD  
MJPA, Perris, San Jacinto  
Riverside County Farm Bureau  
Riverside County Flood Control & WCD  
WRCAC

REPRESENTATIVE

James Grimm  
Rita Thompson  
Kent Wegelin  
Bill Woolsey  
Kevin Street  
Jason Uhley  
Jason Jimenez  
Ron Young  
Al Javier  
Sean Motlagh  
Steve Pastor  
Jason Uhley  
Pat Boldt (SJRWC)

TASK FORCE AGENCIES NOT PRESENT

City of Beaumont  
City of Menifee  
March Air Reserve Base  
March Air Reserve Base JPA  
Metropolitan Water District  
Riverside County –Transportation  
USFS

OTHERS

Regional Water Quality Control Board  
Regional Water Quality Control Board  
Elsinore Murrieta Anza RCD  
Gian Villarreal  
Risk Sciences  
Stinnett Enterprises  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

Hope Smythe  
Cindy Li  
Vicky Long  
RBF  
Tim Moore  
Ray Stinnett  
Mark Norton  
Rick Whetsel  
Dawna Munson

1. Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 1:38 p.m. by acting Chair Jason Uhley at Elsinore Valley Municipal Water District, Lake Elsinore, California.

2. Public Comments

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

3. Approval of the Meeting Notes

The meeting notes of February 22, 2010 were deemed acceptable as provided/emailed to the Task Force.

#### 4. Canyon Lake Management Activities

##### RFP Design of Aeration/Hypolimnetic Oxygenation System

Tim Moore distributed the RFP that was prepared in 2009 for the Canyon Lake aeration project, showing where we were one year ago. Mr. Moore noted that this is conceptual preliminary design work that needs to be reworked, but a lot of it already had been prepared. He noted the report by Dr. Alex Horne of January 2002 that outlined the alternatives for remediation and treatment of both Canyon Lake and Lake Elsinore. A separate report by Dr. Arlo Fast also was prepared about the same time, proposing to move forward with the aeration in Canyon Lake. The draft EIR prepared in 2002 had addressed both projects. The dredging project moved forward, but the aeration project didn't. A previous aeration project had been done in Canyon Lake that had some undesirable side effects, and then the TMDL came about in 2003.

It was suggested at the TAC meeting that one of the objections to the aeration/oxygenation in Canyon Lake was that it was designed to address the main body of the lake, but it wouldn't help the east bay. However, it still would improve the lake; it just complicates how to grant the credits equitably. The records also show that no one has moved forward beyond the original issues from before. It was discussed at the TAC meeting that Dr. Horne had prepared a thorough report in 2002. Mr. Moore distributed a section from Dr. Horne's report listing 17 points for applicability of the in-lake methods for Canyon Lake. There also were other reports/analyses done by others that provide a wealth of information and ideas that this group has been discussing, such as the use of a Speece Cone. Mr. Moore said he believes that the Speece Cone technology and pumps is the most likely method to help meet the TMDL targets in Canyon Lake, and cause a flushing effect in the east bay.

Mr. Moore said that the Task Force needs to consider what it expects the aeration/oxygenation project to accomplish, and then consider the price estimates with and without its ability to move the water around in the east bay. Next, we need to solidify what we'd request of the engineering firm, keeping a scale in mind as to the project components and costs, as well as the options and costs toward what we hope to accomplish.

Tim Moore gave a brief recap of their recent meeting with the Phosloc Company. He said that using Phosloc in Canyon Lake is starting to pencil out as a possibility. He noted that the Regional Board wanted the Task Force to look into it. Lengthy discussion ensued about the feasibility of using Phosloc and about treating Canyon Lake as one lake or two. Mr. Moore said that the Task Force and Regional Board need to be okay with the idea of finding a way to give credits for partial solutions. It was noted that the solutions may not only be partial; we don't know at this point. Mr. Moore said that Dr. Anderson's model for Lake Elsinore would be used, pulling out the phosphorus equations to input into a spreadsheet to estimate BMP removal rates. Mark Norton said that perhaps part of the RFP also would be to give a breakdown of the capital costs and O&M costs. Discussion ensued about the internal versus external loading, how that would be figured, and who would pay for the internal loading.

It was the consensus of the Task Force to move forward with the RFP to design an aeration system for the main body of Canyon Lake. SAWPA will prepare the RFP and provide time for comments before it is released. Mr. Norton asked that all comments about the RFP be forwarded to Rick Whetsel by May 30. We'll wait on the second RFP to evaluate alternative technologies for the east bay, i.e. use of the Floating Islands, the Solar Bees, etc

#### 5. Task Force Budget

Rick Whetsel said that there had been discussion at the last Task Force meeting about the credits for RCFC, WRCAC and EVMWD, and Pat Boldt and Ron Young had been asked to provide any further information.

Jason Uhley moved to waive the credits for the three agencies, seconded by Ron Young, and the motion unanimously carried.

#### 6. LESJWA

### Lake Elsinore Recharge Pipeline Project

Rick Whetsel said that staff had prepared the memo to Cindy Li laying out the scope of work to be completed through the grant as well as each of the corresponding task orders, schedules, and budgets for the Lake Elsinore Recharge Pipeline Project. Cindy Lee has given her verbal approval to move forward with the work. She asked that a conference call be scheduled with Remetrix to review the data layers and prepare a list needed for the project, and requested that Dr. Anderson be on the conference call as well. Rick Whetsel will set up the call.

Staff will be taking the task order for Aquatechnex to do the satellite mapping work before the LESJWA Board at their next meeting.

### Lake Elsinore Back Basin Wetlands BMP Implementation Project

Rick Whetsel said that Pat Kilroy is working with Tom Dodson Associates to work out the permitting issues. The project still is in the works.

#### 7. Tetra Tech Model Update – Task 11

Rick Whetsel said that Tetra Tech will have the calibration finished by the end of April and will have most of the model runs done by the end of May. Tetra Tech will be at the June Task Force meeting to talk about the model results and the TMDL allocation.

Rick Whetsel will talk to Tetra Tech about getting a land use breakdown for agriculture and dairy for the AIS study area, and provide them to Pat Boldt.

#### 8. Task Force Amendment No. 1

Rick Whetsel said that only nine signed Amendments have been received so far.

#### 9. LESJWA/SAWPA

Mark Norton said that it previously had been requested that the SAWPA/LESJWA procurement policy be brought to the meeting potentially to use as a model for the Task Force, particularly with regard to sole sourcing. Pat Boldt noted the importance of the documentation. The Task Force concurred that if someone requests a credit, adequate documentation must be shown.

Jason Uhley moved that sufficient documentation must be provided to the Task Force to justify any credits. Pat Boldt seconded the motion and it unanimously carried.

#### 10. WRCAC

Pat Boldt said that TMDL refunds to agriculture operators were generated, and they are working to finalize some of the later ones.

She also mentioned that they learned of some technology that has the potential to fix some TMDL problems for the dairies. On a regional scale, it can be tied in with the creation of bio-diesel generation. Two agriculture grants became available last week that have very short timeframes, so they're working to find a way to make this technology work out.

#### 11. Schedule Next Meeting

The next TMDL Technical Advisory Committee (TAC) meeting is scheduled for Monday, May 17, 2010 at 1:30 p.m. at EVMWD. The next regular Task Force meeting is scheduled for June 21, 2010 at 1:30 p.m.

#### 12. Adjourn

As there was no further business for review, the meeting adjourned at 4:19 p.m.