

MINUTES OF THE  
LAKE ELSINORE/CANYON LAKE TMDL  
TASK FORCE MEETING

October 26, 2009

TASK FORCE AGENCIES

Caltrans  
City of Canyon Lake  
City of Canyon Lake  
City of Hemet  
City of Lake Elsinore  
City of Moreno Valley  
City of Murrieta  
City of Riverside  
City of San Jacinto  
Cleveland National Forest  
Elsinore Valley Municipal Water District  
Eastern Municipal Water District  
RBF  
Risk Sciences  
Riverside County Farm Bureau  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
San Bernardino National Forest  
WRCAC

REPRESENTATIVE

Cathy Jochai  
James Grimm  
Nancy Horton  
Linda Nixon  
Pat Kilroy  
Kent Wegelin  
Bill Woolsey  
Jessica Chin  
Mike Emberton  
Jason Jimenez  
Ron Young  
Edward Filadelfia  
Gian Villarreal  
Tim Moore  
Steve Pastor  
Albert Martinez  
Jason Uhley  
Robert Taylor  
Pat Boldt (SJRWC)

TASK FORCE AGENCIES NOT PRESENT

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

OTHERS

COLE  
Floating Islands West  
Jackson Kelly  
Jackson Kelly  
MWH  
RWQCB  
Stinnett Enterprise  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

Rita Thompson  
Darrell Smith  
Kristi Liveladin  
Ronda Sandquist  
Sarah Garber  
Hope Smythe  
Ray Stinnett  
Mark Norton  
Rick Whetsel  
Sara Villa

### Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 2: 09 p.m. by Mr. Young at Elsinore Valley Municipal Water District, 31315 Chaney Street, Lake Elsinore, California.

### Public Comments

Members of the public were invited to address the Task Force on matters within its jurisdiction. Hearing none, Mr. Young presented Agenda Item No. 3; Additions to the Agenda.

### Additions to the Agenda

Mr. Young asked if there were any additions to the Agenda. Hearing none, he presented Agenda Item No. 4; Approval of the Meeting Minutes.

### Approval of the Meeting Minutes

Upon motion by Mr. Young, the motion unanimously carried:

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| <b>TMDL 09/10-01</b> |
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| <b>MOVED</b> , approval of the August 3, 2009 Task Force meeting minutes. |
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### Action Items - Introduction

#### Vicki Long, President – Elsinore Murrieta Anza Resource Conservation District

Ms. Long introduced herself as representing Elsinore Murrieta Anza Resource Conservation District and stated that she is in the process of reacquainting the district with local cities and is starting the process of developing agreements to work with the Cities. She noted that she just finished the MOU's with the City of Murrieta to do some restoration work, and she wants to start working in the City of Lake Elsinore. She stated that she is available for restoration projects and to work on projects on the lake. Ms. Long stated that she will be attending these meetings to learn more about the lake and noted that she has business cards for everyone and maps of the District's service area in case anyone was interested.

### Presentations:

#### Sarah Garber/MWH, Annual Water Quality Monitoring Lake Elsinore and Canyon Lake

Ms. Garber gave a brief power point presentation summarizing *Lake Elsinore and Canyon Lake 2008/2009 Water Quality Data*. She discussed the three Lake Elsinore sampling stations and described the work of CSUSB students collecting field measurements and conducting water quality analyses. She gave a brief description of the data that reflects back to the specific numeric TMDLs, and the Lake Elsinore water level elevations from April 2006 to April 2009; the water level now is at about 1240 feet. Ms. Garber also gave a brief description on the Dissolved Oxygen in Lake Elsinore and stated that there has been some improvement in the annual mean. She gave a summary of the toxicity and the chlorophyll, and noted that the total nitrogen was very consistent to last year and so was the phosphorus. In 2008/2009 the Lake Elsinore waste load allocation 1,768,000,000 gallons of recycled water was input into the lake, and out of that there was 4, 997 lbs of Phosphorus and 46,122 lbs of Nitrogen.

Ms. Garber mentioned that the Canyon Lake has four sampling stations and gave a brief description on the water level elevations from July 2007 to March 2009; the water level now is about 1376 feet. She gave a description of the Dissolved Oxygen and the Toxicity Summary. Ms. Garber noted that the total nitrogen numbers are very similar from last year's annual mean; last year was 2.0 and now they are at 2.09. Ms. Garber noted that the monitoring continues on both Lakes through June 2010. It was asked if this data was going to Tetra Tech, and it was stated that they only need the watershed data not the lake data to update the watershed model. It was also asked when the Bacteria Analysis will be done, and Ms. Garber noted that it'll be done within a month.

#### Rhonda Sandquist/Jackson Kelly, Examples of Pollutant Trading Across the United States

Ms. Sandquist gave a power point presentation on *Lessons from Successful Water Quality Trades*. She noted that some of the Trading Programs include Water Supply, Recreational Uses, and Aquatic Life. She gave a brief description on the Cherry Creek Watershed in Colorado, describing that the TMDL work that was done began in 1984. Ms. Sandquist provided background on six pollutant trading projects in Cherry Creek, four of

them funded by the Stakeholder group included Shop Creek, Quincy Overflow, East Shade shelter, Cottonwood Creek Perimeter Road. The other two projects were funded privately Projects; Pond L-3 and Pond W6/W7, these projects provided drinking water and wastewater services.

She gave a brief description of the Wetlands Ponds at Shop Creek and noted that 261 lbs of *phosphorus* is removed yearly. It was asked if the ponds were built in Channel or off Channel and she stated that they were built in Channel. It was asked if there were any problems since the construction of keeping the wetlands wet and the plants alive, Ms. Sandquist stated that they were able to hold enough water during storm events to keep the vegetation alive. The Cottonwood Creek tends to be wet most of the time so it never dries out, she stated that 517 lbs. of phosphorus is removed yearly and she noted that it had a very dry area up above and the vegetation wouldn't grow so they reconfigured the depth of the pond so that they can get better removals. Ms. Sandquist then gave a brief description of the Quincy Drainage, the revised Cherry Creek Program, the Chatfield Colorado Trades, and the Massey Draw.

Ms. Sandquist noted that the Lower Boise River (Idaho) is one of the most extensive Trading Frameworks, and she gave a brief summary of the structure of the program. It was asked how the threshold level for Ag. Discharges were established; Ms. Sandquist stated that they looked at the base line.

She then discussed Interstate Water Quality Trading – noting the Colorado River from Grand Junction to Los Angeles is an EPA Funded project and their main issue is the increased levels of salinity and selenium throughout the Colorado Basin. There Water quality levels of these constituents impacted endangered fish species and wildlife habitat. One of the demonstration projects that were identified in the study is an Irrigation Management project. Ms. Sandquist then noted some of the Barriers to Trading EPA Study. It was asked if the water quality data had been translated into any of the Stakeholders permits, and Ms. Sandquist said no. A brief discussion ensued amongst the Stakeholders.

Next she discussed some of the successful work of the World Resources Institute. It was asked if these projects could have been successful if the non point sources were required to meet water quality standards themselves as part as the TMDL. Ms. Sandquist stated yes. It was also asked if a lot of the Trades have been around long enough to be done or redone. She noted that a lot of the Trades have programs that allow them three years to rehabilitate the project.

#### Task Force Administration Status Update

##### Annual Water Quality Monitoring Report for FY 2008-09

Mr. Whetsel stated that a draft Annual Water Quality Monitoring Report for FY 2008-09 has been submitted by Brown & Caldwell for the Watershed work. He noted that he should have the Lake Elsinore and Canyon Lake sections from Montgomery Watson by the end of the week. He will then submit the draft plan to the Regional Board and Task Force stakeholders for review by next week and the comments will be due in two weeks.

##### TMDL Task Force Agreement

Mr. Whetsel stated that the Agreement ends in June in 2010 and asked the Stakeholders if they wanted to keep all the components together as is and just extend the Agreement to June 30, 2011 and to be able to add the City of Menifee and City of Wildomar. A brief discussion ensued amongst the Stakeholders.

Upon motion by Ms. Boldt and seconded by Mr. Uhley, the motion unanimously carried:

##### **TMDL 09/10-02**

**MOVED**, To extend the Task Force Agreement to June 30, 2011 and add the Cities of Menifee and Wildomar.

##### Task Force Budget

Mr. Whetsel provided a handout to the Stakeholder of the Draft FY 2010-11 Budget & Schedule for Lake Elsinore Canyon Lake TMDL, and gave a brief description. It was asked why the design for Canyon Lake was not in the budget, and if we could have some experts come and take a look at East Bay. Mr. Norton stated that in our past meetings we had discussed that after the Tetra Tech Modeling Study we could look

into East Bay and he agrees that it should be added to the Budget. After brief discussion amongst the Stakeholder it was asked if the result of the Modeling Study would have an effect to the design, and Mr. Moore stated yes and that we need data from Tetra Tech Study which is due at the end of this year in order to help us move forward with each of the projects included in the budget. A brief discussion ensued amongst the Stakeholders in regards to the Canyon Lake Project as well as a credit from Ag for additional aerial survey work to be added to the Budget. It was requested by stakeholders that Mr. Whetsel add the two items into the Budget.

#### TMDL Schedule of Deliverables

##### TMDL / MS4 Permit

Mr. Moore provided a handout to the Stakeholders and gave a brief background of the expectations needed when they developed the TMDL and when the Waste Load allocation was adopted. He noted that the MS4 Permits were published for Riverside County in August and for the first time the waste load allocations were described in those permits as numeric effluent limits as opposed to Best Management Practice Style Effluent Limits. Mr. Moore stated that EPA wants the permit to be revised to make it clear that implementation of the implementation plan and compliance with numeric waste load allocations are separate independent obligations of the permit. Mr. Moore gave a brief description of the Wasteload Allocations being known as Effluent Limits and why it is an issue. It was asked what the solution is or if there is a way that this Task Force can contact EPA, and Mr. Moore stated yes, and the Permit Adoption hearing with the Regional Board is December 10<sup>th</sup>. Mr. Norton asked if Mr. Moore could write a letter on behalf of this Task Force and we'll get it circulated to the Stakeholders to provide any comments.

There was a discussion amongst the Stakeholders about amending the schedule of deliverables since the due date on the MS4 Permit schedule has been moved up.

Mr. Young suggested that we meet early next month to have all the MS4 Permit and Schedule of Deliverable issues taken care of. It was decided that a special meeting just to discuss this issue be scheduled. It was agreed that the meeting would be on November 9, 2009 at 1:30 pm.

#### LESJWA

##### Quagga Mussel Risk Assessment for Lake Elsinore and Canyon Lake

The Quagga Mussel Risk Assessment for Lake Elsinore is underway by Dr. Michael Anderson.

#### WRCAC

Ms. Boldt noted that the land use data from the aerial survey work is being finalized and it will be available to Tetra Tech to incorporate into their modeling work shortly.

#### Schedule Next Meeting

The next meeting is scheduled for Monday, November 9, 2009, at 1:30 p.m., at SAWPA.

#### Adjournment

There being no further business for review, the meeting adjourned at 5:21 p.m.