

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

November 23, 2009

TASK FORCE AGENCIES

City of Canyon Lake
City of Canyon Lake
City of Lake Elsinore
City of Moreno Valley
City of Murrieta
City of Riverside
Cleveland National Forest
Elsinore Valley Municipal Water District
EMWD
RBF
Risk Sciences
Riverside County Farm Bureau
Riverside County Flood Control & WCD
WRCAC
WRCAC
USFS

REPRESENTATIVE

James Grimm
Nancy Horton
Pat Kilroy
Kent Wegelin
Bill Woolsey
Jessica Chin
Jason Jimenez
Ron Young
Doug Edwards
Gian Villarreal
Tim Moore
Steve Pastor
Jason Uhley
Bruce Scott
Pat Boldt (SJRWC)
Mikaila Kimbenieks

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

OTHERS

Elsinore Murrieta Anza RCD
Floating Islands West
MWH
RWQCB
Stinnett Enterprise
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority

Vicky Long
Sean Dempsey
Sarah Garber
Cindy Li
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 1: 43 p.m. by Mr. Young at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, 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:

TMDL 09/11-01

MOVED, approval of the October 26, 2009 & the November 9, 2009 Task Force meeting minutes.

Presentations:

Ray Stinnett, Stinnett Enterprise – Bio Augmentation of the Lake Elsinore Aeration System

Mr. Stinnett provided a presentation on the *Bio-Haven Floating Islands technology*, as a solution for cleaning Lake Elsinore and creating viable habitat for plants, fish, and wildlife. He described the Bio-Haven matrix for the floating wetland islands, which is created from recycled plastics and provided a description of possible design layouts of concentrated wetland systems for Lake Elsinore. Mr. Stinnett gave a description on beneficial bacteria (Beggiatoa and possibly Nitrosomonas) as part of the Periphyton which could populate these floating wetland islands, as well as how the floating wetland islands could enhance denitrification in Lake Elsinore. He proposed that a submerged embodiment of the floating wetland islands system costing in the range of 4 to 5 million could be implemented in conjunction with the existing aeration system to treat Lake Elsinore. This system would yield short and long term success to Lake Elsinore by removing nutrients and ultimately support the growth of the lake bottom vegetation. Mr. Stinnett proposed a small pilot project for R&D to test the submerged Bio-Havens designed and configured for use immediately above the aeration piping. A brief discussion ensued amongst the Stakeholders.

Task Force Administration Status Update

Task Force Agreement

Mr. Whetsel noted that Riverside County Flood Control had a couple comments on the Amendment to the Agreement, which have been addressed by Ms. Munson. The Amendment will be sent out shortly to the Stakeholders for signature.

Task Force Budget

Mr. Whetsel provided a handout of the Draft FY 2010-11 Budget and stated that he still does not have all the information he needs to finalize the adjusted Stakeholder Funding \$ credits to provide the stakeholders with a final stakeholder cost allocation. He noted that the budget includes another year of the Biological Monitoring Work for Lake Elsinore, which is currently being done by Dr. Anderson. Mr. Whetsel gave a brief summary of the annual expenses. It was asked if we can have Brown & Caldwell take a look into Phase 2 Watershed Monitoring Program, and Mr. Whetsel stated that he will ask Brown & Caldwell to put together a draft scope of work and budget. Mr. Whetsel noted that the Draft Budget is due December 31st.

Task Force Schedule of Deliverables

Mr. Whetsel distributed copies of a Draft Task Force Status Report. This status report provides a outline of all of the on-going and planned activities of the Lake Elsinore & Canyon Lake TMDL Task Force and will be updated for each task Force meeting. He asked the Stakeholders to provide comments on the layout and content of the Status Report. Mr. Whetsel also provided a handout of the Implementation Plan/Schedule.

TMDL Implementation Tasks

Watershed Model Update (Task 11)

Mr. Whetsel provided a handout of the Modeling Tasks for Lake Elsinore & Canyon Lake TMDL from Tetra Tech showing the modeling data needs, he asked the Stakeholders to provide any comments by December 7th. Once these comments are addressed, Tetra Tech will provide a revised work schedule and start work on

the modeling. It was asked how the model will be validated and Mr. Whetsel stated that it will be validated against existing water quality. It was asked when the work was to be completed, and Mr. Whetsel stated that after December 7th once all comments are in and the memo is approved, Tetra Tech will put together a revised schedule. It should take them about two months, hopefully by the end of January to prepare preliminary model results.

Lake Elsinore Biological Monitoring / Canyon Lake Management Plan Modeling

Mr. Whetsel stated that Dr. Anderson has started the Biological Monitoring and Ms. Li noted that she's actually gone with him and she noted that the QAPP has been approved.

TMDL Monitoring Program

Watershed Monitoring and Analysis (Task 4.1)

Mr. Whetsel noted that the Watershed Monitoring is still ongoing at this point. Mr. Uhley stated that the reports are due August 15th and they are looking into amending the report. There was a discussion in regards to Babcock. Mr. Whetsel noted that he's received comments from the Regional Board on the Annual Water Quality Report and the Final Report will be submitted to the Regional Board as soon as it is complete.

Canyon Lake Pathogen Monitoring and Analysis

Ms. Garber noted that the sampling went through October since January and she noted that the Geo mean was done and the data looked good. She stated that once it is finalized she will provide it to Mr. Whetsel to have him distribute to the Stakeholders.

LESJWA

Quagga Mussel Risk Assessment for Lake Elsinore and Canyon Lake

Mr. Norton noted that Dr. Anderson has his work continuing and he should have his report ready and done with by the end of December.

EPA 319(h) Grant Application

Mr. Norton stated that the 319(h) Grant Application is 3 million available statewide for the Canyon Lake Project and he stated that there is a 25% match. He noted that by showing the Regional Board a disadvantage community in the majority of the Watershed perhaps there can be a justification to waive the 25% match. He noted that it is a two phase process and they will let us know ahead of time whether or not we are eligible, and the submittal is due December 7th and the money will not be available until May 2010. Mr. Norton noted that there was a fish kill in Canyon Lake. It was asked what the water level was? Mr. Grimm stated that it was about 1375, a brief discussion carried on amongst the Stakeholders.

WRCAC

Mr. Scott noted that the Regional Board held a meeting on public outreach dealing with the conditional waivers of Ag discharge; he noted that they received a pretty good turnout of Stakeholders and the timeline on completion is hard to tell at the moment. Mr. Scott stated that they have been working on the Integrated Regional Dairy Management Plan Grant that was re-instated; he noted that the state reinstated it and cut the due date 9 months. In January a completed hard copy will be available to be distributed. He noted that an outreach newsletter will soon be distributed to WRCAC members and asked if it would be possible to have the budget showing the allocation numbers with the credits available before the newsletter goes out. There was a brief discussion amongst the Stakeholders.

Other Business

Mr. Young distributed a draft a letter ready to submit to the Regional Board on the Impacts of TMDLs in Draft NPDES Permits and asked if anyone had any comments, it was noted that it was a well written letter.

Schedule Next Meeting

The next meeting is scheduled for Monday, December 14, 2009, at 1:30 p.m., at EVMWD.

Adjournment

There being no further business for review, the meeting adjourned at 3:30 p.m.