



**MINUTES OF THE CLEAR LAKE NUTRIENT
TMDL BOARD WORKSHOP**

Wednesday, July 18, 2018
Central Valley Regional Water Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

WEDNESDAY, JULY 18, 2018

Chair Longley called to order a special workshop of the Central Valley Regional Water Quality Control Board

BOARD MEMBERS PRESENT

Kadara, Denise	Longley, Karl	Marcum, Dan	Ramirez, Carmen
Schneider, Bob			

BOARD MEMBERS ABSENT

Brar, Raji	Costantino, Jon		
------------	-----------------	--	--

STATE BOARD OFFICE OF CHIEF COUNSEL STAFF

Jahr, Jessica	Toft-Dupuy, Bayley		
---------------	--------------------	--	--

STAFF PRESENT

Bruns, Jerry	LaBay, Jennifer	McConnell, Sue	Snyder, Clint
Coster, Lynn	Laputz, Adam	Pulupa, Patrick	Tabor, Rebecca
Joab, Christine	L'Heureux, Robert	Sahota, Taran	

OTHERS PRESENT

Barbour, Eric	Hajik, Steve	Racenwoode, Anna Rose	Taylor, Janet
Brandon, Victoria	Houdesheldt, Bruce	Rosenthal, David	Thound, Jennifer
Britton, Andrew	Ingram, Kevin	Russell, Suzanne	Windrem, Peter
Brown, Joanne	Kennedy, Karola	Ruttan, Carolyn	Yoder, Ronald
Cawn, Betsy	King, Peggie	Ruttan, Chris	Zoller, Broc
Cowan, David	Ladd, Ron	Ryan, Bonnie	
DePalma-Dow, Angela	Lee, Donna	Ryan, Sarah	
Elkins, Rachel	Lyons, Harry	Smythe, Tom	
Fletcher, Alan	Lyons, Suzanne	Steele, Jim	
Green, Michael	Pyeeatt, Alan	Sullivan, Brenna	

Workshop to discuss the status and the Board's potential next steps associated with the Clear Lake Nutrient Total Maximum Daily Load (TMDL) Control Program.

AGENDA ITEM 1 – ON-SITE DISCUSSION

The workshop included an on-site discussion held at Library Park in Lakeport, Lake County. The on-site discussion functioned as an educational event where attendees visited various organization's booths to learn more about the work being done in the watershed.

Participants included:

- Central Valley Water Board
- Big Valley Rancheria of Pomo Indians
- Elem Indian Colony of Pomo
- Middle Creek Restoration Coalition
- Lake County Department of Water Resources
- Lake County Farm Bureau

AGENDA ITEM 2 – AFTERNOON MEETING

An afternoon meeting was held at Lakeport City Hall in Lakeport, Lake County. The purpose of the afternoon session was for the Board members and the public to hear updates from the Central Valley Water Board staff and other organizations on the status of nutrient reduction efforts in the Clear Lake watershed.

Jennifer LaBay, Program Manager for the Nonpoint Source (NPS) Planning and Assessment Unit, gave a presentation on the status of the Clear Lake Nutrient TMDL. The presentation included background on the TMDL; a status of compliance with load allocations for each responsible party; an overview of other Central Valley Water Board efforts in the Clear Lake watershed; and a discussion on the Board's next steps related to the TMDL.

Sarah Ryan with the Big Valley Rancheria of Pomo Indians and Karola Kennedy with the Elem Indian Colony of Pomo presented on nutrient issues in Clear Lake and discussed the various efforts the Tribes have been implementing to address the nutrient problems in the watershed, including management practices, restoration, and data collection.

Dr. Harry Lyons, with the Middle Creek Restoration Coalition, provided an update to the Central Valley Water Board on the Middle Creek Flood Damage Reduction and Ecosystem Restoration Project. The update included an overview of the project, a status on funding, a discussion on next steps, and a request for support for the Central Valley Water Board.

David Cowan, with Lake County Department of Water Resources, updated the Central Valley Water Board on various efforts and practices the County has been implementing to control phosphorus loading to the lake. Lake County also summarized some of the existing data that County has been collecting related to nutrient loading and discussed potential next steps for demonstrating load allocation compliance.

Brenna Sullivan, with Lake County Farm Bureau, presented on current agriculture in Lake County, including crop breakdowns, erosion control practices being implemented, data being collected, and potential next steps for demonstrating load allocation compliance.

Public Comments:

Tom Smythe of Kelseyville stated that reducing external loads is only one piece of the solution and that internal loading from phosphorus-laden sediment inside the Lake also needs to be addressed.

Alan Fletcher of Lucerne and KPFZ 88.1 FM requested additional efforts for tule recovery, including concentrating on tule fields around inlets, storm drains, and septic systems.

Chris Ruttan expressed concerns regarding the potential for manual harvesting of Hydrilla to propagate more weeds due to the shedding of the plant.

Peter Windrem of the Chi Council for the Clear Lake Hitch stated wetlands are essential for the health and spawning of the native Clear Lake hitch fish, which is currently listed as a threatened species.

Broc Zoller of Kelseyville stated that he has not observed phosphorus as a fertilizer being applied to farms, nor does he advise farmers in applying phosphorus in Lake County. In addition, he requested clarification on how additional monitoring would provide new information that isn't already provided by existing data. Instead Mr. Zoller recommended that the money used for monitoring would be better allocated toward the Middle Creek Restoration Project.

Joanne Brown of Clearlake stated that her sons became ill after recreating in Clear Lake and expressed concern that lakeshore areas are not regularly updated with cautionary/warning levels to help the public understand whether it is safe to be in the water. In addition, she asked Central Valley Water Board a question regarding the monitoring stations installed at Caltrans and described in the Board's Technical Memorandum. The stations, which were installed in 2010, captured storm events in 2011-2013. Due to vandalism of a station and insufficient flows in 2011, this data was not evaluated. The monitoring data from 2012-2013 captured two complete storm events. The data from these events estimated the phosphorus load was between 84-122 kg phosphorus/year. Based on this data, Caltrans' erosion control projects, and pollution prevention best management practices, the Board staff determined Caltrans is meeting their allocation.

Michael Green of Lakeport expressed concerns that Lake County does not have a third-party coalition to help regulate cannabis cultivation. He also requested that more attention be given to septic tanks near the watershed.

Bruce Houdesheldt of the Sacramento Valley Water Quality Coalition stated that Clear Lake's health is representative of Lake County's health. He also stressed that education is a strong agent of change, and he has seen various farm organizations and growers come together to have conversations regarding their management practices and efforts to protect water quality.

Suzanne Lyons of Lakeport stated that Lake County fires are not an excuse for not meeting obligations associated with Clear Lake. In addition, she raised a concern that the local Storm Water Committee has not been meeting recently. She was also concerned that Lake County did not have a dedicated storm water outreach and education program and was unable to determine who to contact to further the discussion.

The Workshop adjourned at 5:35 p.m.