



California Regional Water Quality Control Board Central Valley Region

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COMPLETION OF MANAGEMENT PLAN FOR TOXICITY TO *CERIODAPHNIA* IN LAGUNA CREEK SUBWATERSHED

Thank you for your letter submitted on 23 July 2010 requesting a determination be made that the Management Plan for toxicity to *Ceriodaphnia* in Laguna Creek is complete. Based on the available information, I have determined that this Management Plan has been completed and further actions identified in the Plan are not required.

The management plan requirement was originally triggered in 2007 by toxicity to *Ceriodaphnia* detected in samples from two different monitoring events taken from Laguna Creek at Alta Mesa Road in the Sacramento Amador subwatershed. The determination that the above management plan has been completed is based on the following:

- 1) No *Ceriodaphnia* toxicity has been observed in samples taken during nineteen monitoring events at the Laguna Creek site between May 2007 and August 2009;
- 2) Pesticide use patterns for one month prior to the significant April 2007 *Ceriodaphnia* toxicity events indicate that potentially toxic pesticides were applied to agricultural crops. However, the results of chemistry and sediment toxicity testing on the same samples indicated that the pesticides were not present.

Central Valley Water Board staff has reviewed the above information and agree that the Laguna Creek management plan for *Ceriodaphnia* toxicity should be considered completed. Therefore, no further monitoring of water column toxicity is necessary. Management Plans remaining in place for Laguna Creek are for dissolved oxygen, pH and *E. coli*.

If you have any questions or comments regarding this approval, please contact Mark Cady at (916) 464-4654, or by email at mcady@waterboards.ca.gov.

Original signed by

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