



**Linda S. Adams**  
Secretary for  
Environmental Protection

# State Water Resources Control Board

## Division of Water Rights

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**Arnold Schwarzenegger**  
Governor

**APR 06 2009**

In Reply Refer  
To: 300:CN

Dr. Gene Nebeker  
400 N. Rockingham Avenue  
Los Angeles, CA 90049

Dear Dr. Nebeker:


### EVALUATION OF CROP WATER REQUIREMENTS FOR ANTELOPE VALLEY GROUNDWATER RECORDATION PROGRAM

This letter responds to your correspondence, dated September 15, 2008, regarding evaluation of crop water requirements for Antelope Valley for the Groundwater Recordation Program. In your letter, you contend that the values in Table II of the "Annual Notice of Groundwater Extraction and Diversion" (Annual Notice) are incorrect and do not reflect current science and field observations for alfalfa and permanent pasture. Instead, you recommend that higher irrigation application rates are justified based on data developed through the Agricultural Extension Service of the University of California, and provided for review the paper, "An Estimate of Crop Water Requirement in the Antelope Valley".

Staff has assessed the information you provided and agrees that the application rates for alfalfa and permanent pasture in Antelope Valley reflect the most current information available and should be used as a guide in our Annual Notices. The application rates will be changed on the Division of Water Rights' form prior to the mass mail-out of the 2009 Annual Notices for calendar year 2008.

If you have questions or concerns regarding this matter, please contact Cathy Nease at (916) 322-8465 or at [CNease@waterboards.ca.gov](mailto:CNease@waterboards.ca.gov).

Sincerely,

  
Victoria A. Whitney  
Deputy Director for Water Rights

**MICHAEL FIFE**  
**805-965-4333**