



# California Regional Water Quality Control Board

## Central Valley Region



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Susan Marks  
Cedarville Vineyard and Winery, LLC  
6320 Marestail Road  
Fairplay, CA 95684

23 December 2005

### NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 CEDARVILLE VINEYARD AND WINERY, LLC, EL DORADO COUNTY

Regional Board staff has reviewed your 25 July 2005 Report of Waste Discharge (RWD) for coverage under Resolution No. R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a filing fee of \$872. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed), adopted by the Regional Board on 11 July 2003, is a conditional waiver of waste discharge requirements for small food processors including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the projected volume of wastewater to be produced.

#### Discharge Description

Cedarville Vineyard and Winery, LLC (Discharger) owns the Cedarville Winery at 6320 Marestail Road in Fairplay, El Dorado County. The site includes an operating winery and an existing 13.5-acre vineyard. The Discharger crushes approximately 60 to 65 tons of grapes annually. The winery produces approximately 2,500 cases (approximately 5,950 gallons) of red and white wine per year. The facility currently has a stormwater permit (WDID # 5S091016272). However, the Discharger has recently made some modifications so that all activities producing process wastewater or solid waste will be conducted under the cover of an enclosed building or roofing. Therefore, a Notice of Non Applicability for the General Stormwater Permit has also been submitted.

In the past, process wastewater has been discharged to an on-site septic tank/leachfield system. The Discharger plans to use the existing 1,200 gallon septic tank for storage of wastewater generated from the winery. The RWD indicates that Discharger will cap off the outlet of the septic tank to ensure that winery wastewater is not discharged to the leachfield system. From the 1,200-gallon storage tank, wastewater will be loaded into an application trailer for discharge on the 13.5 acre vineyard. Weather permitting, the storage tank will be emptied daily in order to avoid the creation of nuisance conditions. Process wastewater will be transported to the vineyard in a trailer-mounted tank, and application will be made directly from the trailer through a pipe manifold. Wastewater will be distributed as evenly as possible over the entire 13.5-acre vineyard, but with at least a seven-day rest period between wastewater applications to any one area. Wastewater will not be applied during periods of precipitation, when soil is saturated, or when there is standing water in the application area.

*California Environmental Protection Agency*



Solid waste produced by the facility consists of grape stems and pomace (skins, seeds, and grape solids). Stems are temporarily stored on site after each batch of processing and then hauled to the vineyard and spread throughout the vineyard. Pomace is either placed in watertight bins or in the application trailer. At the end of each day, the pomace is transported to the vineyard and distributed evenly throughout the vineyard. Any solids containing free liquids are sent to the liquid wastewater storage tank for application with the liquid wastewater.

The Discharger has estimated the maximum volume and strength of wastewater and solid waste that will be produced and has calculated the expected maximum hydraulic and agronomic loading rates for the proposed disposal area. Based on these calculations, the disposal area (13.5 acres of grape vines) should have adequate hydraulic and nutrient uptake capacity to receive the total process wastewater and solid waste from this facility and remain protective of groundwater and surface water quality. The estimated volume of wastewater used to calculate the maximum loading rates was 12,000 gallons per year. The Discharger has identified several Best Management Practices that will be followed in order to minimize wastewater strength and potential odor problems, and to prevent hydraulic or nutrient overloading.

#### Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual monitoring report that contains the information described in Items No. 2 and 5 of the monitoring and reporting program must be submitted by **1 February** of each year.

If the discharge violates the terms or conditions of the waiver, the Regional Board may take enforcement action, including assessment of administrative civil liability. If the volume of wastewater increases beyond 12,000 gallons/year or the method of winery wastewater and solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with a filing fee to renew the waiver, or cease the discharge.

If you have any questions, please contact Scott Kranhold at (916) 464-4689.

--Original Signed By--

THOMAS R. PINKOS  
Executive Officer

encl: Resolution No. R5-2003-0106

cc: w/o encl El Dorado County Environmental Health Department, Placerville  
Dan Hinrichs, DJH Engineering, Placerville