



California Regional Water Quality Control Board

Central Valley Region



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Greg Boeger
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31 January 2006

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 BOEGER WINERY, INC., EL DORADO COUNTY

Regional Board staff has reviewed your 10 October 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*. Additional information was received on 29 December 2005. 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

Boeger Winery, Inc. (Discharger) owns the Boeger Winery at 1709 Carson Road in Camino, El Dorado County. The site includes an operating winery, tasting room, and an existing 40-acre vineyard. The Discharger crushes approximately 250 to 350 tons of grapes annually. The winery produces approximately 16,000 to 20,000 cases (approximately 38,000 to 47,500 gallons) of wine per year. The Discharger has estimated that it generates approximately 0.5 gallon of wastewater per gallon of wine produced, thereby generating approximately 23,800 gallons of wastewater annually. The facility currently has a stormwater permit (WDID # 5S09S014311).

In the past, process wastewater has been discharged to an on-site septic tank/leachfield system. For approximately the past three years the Discharger has been applying process wastewater and solids to the vineyards at controlled rates for use as solid amendments. The Discharger plans to use a 300 gallon tank on its application vehicle for storage of wastewater. The existing septic tank (1,500 gallons) may also be used to store process wastewater if needed. The Discharger has capped off the outlet in the septic tank to prevent wastewater from being discharged to the leachfield. The Discharger has installed a flow meter (Siemens Mag 5100W) on a line that is located between a small sump and the application trailer storage tank to monitor the amount of wastewater flows generated at the winery. 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 40-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

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-2-

31 January 2006

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 and spread throughout the vineyard. Pomace is either placed in watertight bins or in the application trailer and at the end of each day, transported to the vineyard and distributed evenly throughout the vineyard. Any solids containing free liquids are sent to the 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 land application area (40 acres of vineyards) 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 47,500 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 100,000 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--

KENNETH D. LANDAU
Acting Executive Officer

encl: Resolution No. R5-2003-0106

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