



California Regional Water Quality Control Board

Central Valley Region



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9 September 2005

Nicholette Bruno
Bruno Cellars
5676 Ridge Park Dr., Accessory Bldg.
Loomis, CA 95650

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 BRUNO CELLARS, PLACER COUNTY

Regional Board staff has reviewed your 10 June 2005 Report of Waste Discharge (RWD) and supplemental information submitted on 2 August and 22 August 2005 for coverage under Regional Board 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 Notice of Non-Applicability for compliance with the storm water General Permit and an \$872 filing fee. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed) 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 current amount of grapes crushed and wastewater produced.

Discharge Description

Nick and Nicholette Bruno (hereafter Discharger) own and operate Bruno Cellars at 5676 Ridge Park Drive in Loomis. The winery consists of a concrete crush pad located inside a garage and 0.5 acres of vineyard. The RWD states that all processing is performed inside the garage. Wastewater generated during grape crushing activities flows into a drain at the concrete crush pad and into a 1,200-gallon septic tank for temporary storage. This septic tank is not connected to a leachfield and does not receive domestic waste. From the septic tank, the wastewater is pumped into a portable tank and evenly applied to 0.5 acres of vineyard using a tractor sprayer.

The RWD states that the Discharger crushed approximately 9.5 tons of grapes in 2004 and generated between 400 and 500 gallons of wastewater. The Discharger plans to crush a maximum of 10 tons of grapes generating up to 500 gallons of wastewater annually. Based on typical industry standards, 10 tons of grapes crushed may produce between 4,300 and 11,440 gallons of wastewater. This calculation is based on 1 ton of grapes generating approximately 143 gallons of wine and one gallon of wine producing between three to eight gallons of wastewater. However, the Discharger indicates that because large wineries have automated machinery they generate much more waste per ton. Assuming that 4,300 gallons of wastewater are generated each year, this would result in loading rates of approximately 860

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pounds of Biochemical Oxygen Demand (BOD)/acre/year, 215 pounds of Total Dissolved Solids (TDS)/acre/year, and three pounds of nitrogen/acre/year.

The RWD states that approximately three tons of solids are generated during crush. The solid waste consists of grape stems, skins, and seeds produced by the destemming and pressing operations. These solids are placed in plastic bags and transported on a daily basis to the Placer County Landfill for disposal.

Conditional Waiver

Based on the information submitted in the RWD and subsequent technical reports, 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 6 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 methods 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 your total annual flow exceeds 4,300 gallons per year, the waiver is no longer applicable to your facility and you must submit a new RWD.**

If you have any questions regarding this letter, please do not hesitate to call Guy Childs at (916) 464-4648.

--Original Signed By--

THOMAS R. PINKOS
Executive Officer

enc: General Order No. R5-2003-0106

cc: Brad Banner, Placer County Environmental Health Department, Auburn